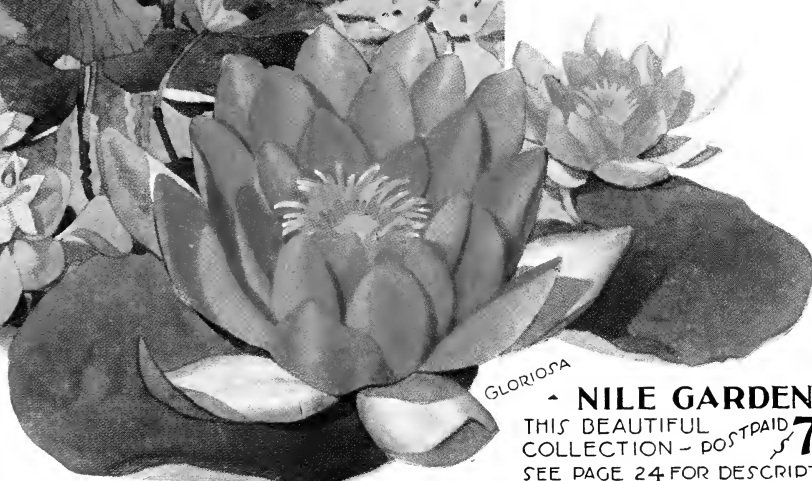
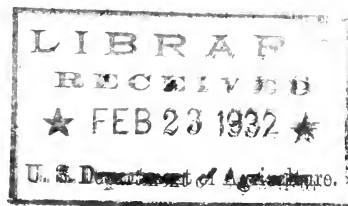


## **Historic, Archive Document**

Do not assume content reflects current scientific knowledge, policies, or practices.



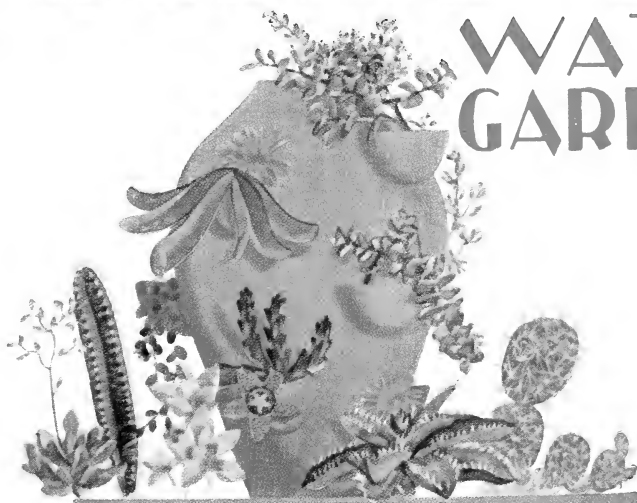


GLORIOSA

• NILE GARDEN •  
THIS BEAUTIFUL  
COLLECTION - POSTPAID **750**  
SEE PAGE 24 FOR DESCRIPTION

# JOHNSON

## WATER GARDENS



# Escarboucle



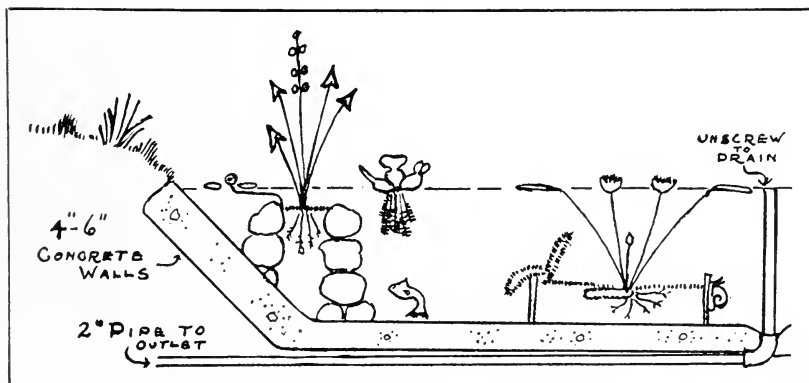
The most luminous of all the red water lilies—bright, intense, with garnet stamens. Free flowering, hardy. One of the best . . . . . Each **\$5**

# Simple Ways to Build a Lily Pool

We are often asked if it is easy to build a lily pool, and the answer is most assuredly yes! Hundreds of successful pools are built each year at slight expense by our garden friends. Most of them are small pools 6 to 20 feet across and 2 feet deep, some are of formal geometrical shape particularly appropriate near buildings, while others are informally irregular in outline with bays and promontories. Many of them are built with a ledge around the margin to accommodate those plants appreciating shallow water such as Iris and Pickerel Plant.

A very inexpensive and practical pool may be made by excavating a bowl-like depression as shown in cross-section in the accompanying diagram. First trace out on the ground the size and shape of the pool you admire, making it as large as your space will allow. Dig out the soil to a depth of 2 feet 6 inches, grading the floor flat and sloping the walls at an abrupt 45-degree angle. Then tamp the sides and bottom until firm and smooth. For reinforcing, wire fencing serves very well by spreading it over the floor and pulling it up as the concrete is laid until it is in the middle of the wall. Make the walls and floor about 6 inches thick where heavy freezing is expected. In regions of mild winters where light freezing is expected a 4-inch wall is ample. As the concrete is laid it should be well tamped and smoothed out and, after setting for a few hours, a mixture of cement and water of the consistency of thin cream should be brushed on with a broom or whitewash brush. This will render it waterproof. Sprinkle several times daily for 3 or 4 days, allowing the concrete to cure slowly.

Where a formal pool of rectangular shape is desired, excavate to a depth of 30 inches to the exact size wanted, then carefully trim the walls as these will act as the outside form. Allow a space of 6 to 8 inches and build the inner form. Steel reinforcing rods  $\frac{3}{8}$  inches in diameter should be laid in when the wall is about three-quarters full. This will prevent, to a great degree, the cracking of the walls. The floor may then be poured.



**Mixing and Laying Concrete.** A simple and satisfactory mixture for pools is 1 shovelful cement, 2 of sand, 3 of half-inch crushed rock or pea gravel. Turn over dry two or three times and then add enough water to make a pasty mixture that will just not run. In applying concrete tamp well. Be sure and keep the concrete moist after it has set by sprinkling down or covering with burlap for several days, for the slower it cures the harder it becomes.

**Drainage.** Many pools are built without drainage but as it is well to clean them each spring it is less troublesome to provide some method of emptying. If the pool is small it can be bailed out. Drainage may be provided by a 2-inch pipe in the bottom led to a low place, or if the soil is sandy, to a hole filled with rocks and covered over. If there is a place lower than the pool it may be siphoned out with a hose. To start a siphon fill the hose full of water, keeping both ends plugged, putting one end in the pool and the other at the lowest place, releasing both at the same instant. How the overflow and drain pipe are made is shown on the diagram.

## A Practical Metal Tank

This very successful pool was planned by Mrs. C. W. Fawcett of Kerrville, Texas. It consists of a galvanized iron tank 18 inches deep and 6 feet in diameter. Such a tank is quickly made at any tin shop. The ease with which it may be moved will appeal to those who are not permanently located. The lilies are planted in boxes and are growing and flowering freely. Blocks of concrete set in the lawn form a very pretty setting for the pool.





# Have Plenty of Flowers the First Year in your Water Garden



Dormant roots of Gloriosa and Comanche ready for shipment. Leaves and flowers are stored in the crown ready to burst forth.

The sure way to secure a long blooming season and plenty of flowers within six weeks after planting is to plant our vigorous, well cured lily roots. Strong healthy roots well stored with reserve foods will make a quick return to growth and blooming after being transplanted to your garden. Weak, unripened roots require a long time to reach the vigorous state needed for plentiful bloom. Our Sunny Southern California grown lilies have had ten months of growing and as we raise all our own stock in concrete pools where we can control conditions and see to their proper curing you may be assured of the best the market has to offer.

Remember our plants are raised in concrete pools the same as in your garden and are not the spongy, unripened roots of lilies raised in natural, swampy pools.

**WE GUARANTEE THE SAFE  
ARRIVAL OF OUR PLANTS.**

**PLANTING INSTRUCTIONS SENT  
WITH EACH ORDER.**

## Desert Plants in Northern Gardens

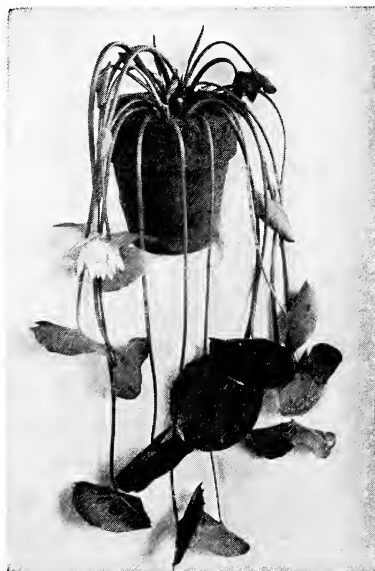
**YOU CAN GROW THEM WITH EASE**



Have you ever grown these most interesting desert plants? Then you really have a garden thrill awaiting you! They have the most beautiful flowers and the oddest and queerest forms imaginable. Most of the succulents do not have thorns and may be easily handled. They readily grow in small decorative pots in any sunny window and do not need but a tithe of the care required for Geraniums or ferns. In the summer rock garden or porch they add an exotic touch and you may be sure you have something that your friends will not know. On pages 33 to 36 will be found our listing of these interesting plants and a number of convenient collections.

On page 1 of the cover is a strawberry jar planted with these romantic plants.

**All Desert Plants Are Shipped Post Free**



Tropical Water Lilies are grown in pots and are shipped with the soil attached. They do not have rhizomes or bulbs like the Hardy lilies.



California Sunshine Guarantees Hardy, Vigorous Plants.  
Fifteen Acres Devoted to Water Lilies.

# The Culture of Water Lilies

Water Lilies are so easily and successfully grown even by those who have had no previous experience that following these simple directions one may be assured of a satisfying display of their brilliant flowers. In fact, water lilies are easier to grow than roses or dahlias and are far the least trouble of any feature in the garden. The actual care of the pool may be summarized in a few lines. **Keep the water level fairly constant and the pool clean.** It is not necessary to drain the pool at all during the growing season, simply replace the evaporation. Allow the hose to run in and overflow the pool occasionally if the water becomes green or murky. This may occur immediately after planting from the manure in the soil. Overflowing is the sure remedy. After the water becomes clear it will remain so. Enthusiasts will find many other things to do, some of which will benefit the plants, but none of which may not be safely dispensed with. Most of us produce good roses or dahlias with ordinary care, yet the fancier growing show flowers may constantly be engaged in tending his charge, and so it is in water gardening.

## Establishing the Water Garden

The most important things in establishing a successful pool are to have the depth of water right and an abundance of good garden loam in which the plants are to grow. **We build our pools 2 feet deep, which allows for 1 foot of soil and 1 foot of water over the plants.** These give the best average results, though the depths may be greater or less and still the plants thrive.

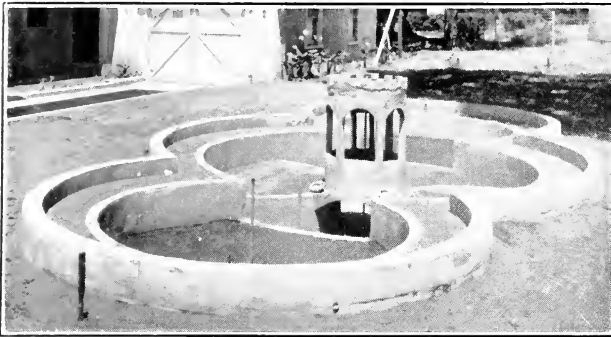
**Soil and Fertilizer.** Most any garden loam will give good results, they particularly rejoicing in a strong loam such as roses enjoy. Do not use leafmold or swamp muck. The best fertilizers are the mildly stimulating kinds, among which cow manure—well rotted if possible—and bone-meal rank high. **Sheep manure or commercial fertilizers of any standard brand are particularly recommended.** Their use will insure a thrifty, luxuriant growth. All fertilizers should be well mixed with the soil before planting—cow manure at the rate of 1 part in 5, commercial fertilizers 1 pound to each 18-inch box. Loma or Vigoro are especially good commercial fertilizers.

**Boxes versus Mud Bottoms.** There are two commonly used methods of planting—in boxes or by spreading the soil over the concrete of the bottom to the required depth. Both have their good points according to conditions. For the large pool or where varieties must be kept, separate boxes are recommended. In small pools where the space is restricted, plants often make better growth on a mud bottom as it allows more rootroom. Boxes should be 1 to 2 feet square and 1 foot deep. In large pools they should be 3 to 4 feet square. The rule is to give as large a box as possible for the number and size of the blooms are in direct ratio to the amount of root room.

**Distance Apart to Plant.** A pool 4 by 6 feet will comfortably accommodate 3 or 4 lilies as well as Water Poppies, Water Hawthorne, Arrowhead, Water Hyacinth, Water Iris or equivalent plants. A pool 10 feet in diameter will accommodate 6 to 10 lilies, depending upon their vigor, and also a number of Water Poppies, Iris and other such plants. As a general rule, it is well to allow from 3 to 5 feet between the plants. In very large pools a more natural effect may be gained by planting a number of roots in a group and separating the groups by a little open water.

**Construction of Boxes.** For years we have used ordinary rough pine boards 1 inch thick and 12 inches wide in building boxes. Pine wood will last for many seasons under water and is entirely satisfactory. No bottom need be used, for when the sides are placed on the concrete floor it is not needed; however, a strip should be nailed across on the inside so that when the soil is put in it will keep the sides from floating away. The corners of the boxes should be reinforced by a 2 by 3-inch cleat nailed on the inside. Permanent boxes may be built of brick or concrete, but movable boxes are to be preferred. Tubs make good containers for the moderate growing kinds. It should be remembered that the roots of water lilies extend laterally rather than penetrate deeply, and thus kegs and other deep containers are not particularly satisfactory.

**Planting.** When the lilies are received, care should be taken to **prevent their becoming dry before planting.** They may be covered with wet burlap. After the boxes are prepared a small hole may be scooped out and the plant put in place, **horizontally**, and not upright, with the growing end just flush with the surface.



Actual photograph of pool with ledge. Simpler, less expensive pools may be easily made.

ing upon the location. Our shipping season opens in February for the Pacific Coast and Florida. March to May for the Southern and Northern States. Tropical lilies are planted somewhat later, generally in May and June. For details as to shipping dates see under Tropical Lilies. Hardy Lilies may be planted almost the year around in mild regions.

**Spring Cleaning.** In the early spring before growth commences the pool should be cleaned out and all sediment removed. At this time any necessary repairs should be made and all plants got in shape for the early display. Hardy Lilies should be dug up with a small ball of earth, the boxes emptied and refilled with fresh soil and fertilizer. The old soil may be used again if given a heavy dressing of commercial fertilizer. Replant the lilies, tramping the soil down well. Boxes for the Tropical Lilies and all other water plants should also be prepared. If this work is well done the pool will require very little attention during the summer.

**Winter Care of the Pool.** Hardy water lilies grow wild in northern regions and need no protection other than from direct freezing of the roots. Where the water is deep enough not to freeze solidly they will come through unharmed. Artificial pools are perhaps best drained to prevent damage to walls from ice. Fill the pool with straw or litter and cover with boards. If the covering is secure the boxes may be left in or they may be removed to a cold cellar or buried in a trench. See that they are kept moist and protected from mice. Do not allow them to become dry. Tropical water lilies are hardy only where oranges may be grown. Read under Tropical water lilies.

**Fall Care.** In the autumn the Hardy Lilies prepare for the winter by losing all leaves, the plants becoming dormant until the early days of spring. All old leaves may safely be removed as a preparation for winter.

**Insect Enemies.** Plant lice or aphids is the only common pest of water plants. They are easily controlled by washing off with a strong spray of water when the fish will eat them. They may be killed with nicotine spray. We use the following home-made spray: 1 cubic inch laundry soap dissolved in a quart of hot water; add one-third pint kerosene, beat with egg beater to cream and add 5 gallons cold water. Use with garden spray.

**Green Scum.** The green scum sometimes found in pools will disappear when the leaves shade the surface. Allowing the pool to overflow will keep it in check.

**Mosquitoes and Goldfish.** There will be no annoyance from mosquitoes where a few goldfish are kept in the pool. Allow about 12 fish to a 6-foot pool. These will take care of any mosquito wigglers hatching in the water and aid in keeping the water sweet and clear. This is one rule that works every time.

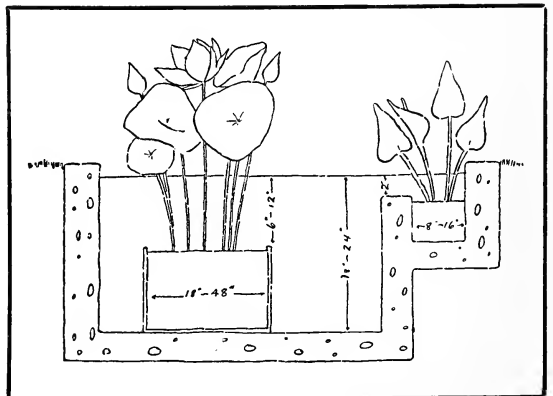
**Winter Care of the Tub Garden.** Empty the water out, then fill the tub full of leaves or straw, covering the top closely with boards to keep out the rain. Cover over thoroughly with litter for further protection.

**Care of Goldfish.** If the pool is deep goldfish may be left out during the winter, though it is preferable to remove them to the basement.

**Tropical Water Lilies** are shipped as 4-inch pot plants, and these should be set upright to the same depth as before. It is well to fill the pool with water a day or so before planting to allow it to become warmed by the sun and then to plant directly in the water. **Do not allow the leaves to wither.**

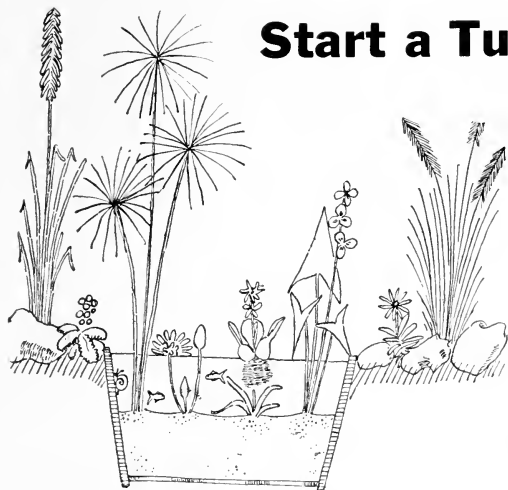
**Sand to Cover Boxes.** An inch layer of sand or gravel spread over the boxes after planting will help to keep the water clear. This is particularly true when a fine clay soil is used or where goldfish are kept.

**When to Plant.** Planting of the Hardy Lilies may be begun from February to May, depend-



Showing the proper way to plant lilies and the correct water depths. Plant in boxes 18 inches square.

# Start a Tub Garden this Year and enjoy a Miniature Pool



- |               |                     |
|---------------|---------------------|
| 1. Torch Lily | 5. Water Hyacinth   |
| 2. Perennials | 6. Fish Plants      |
| 3. Papyrus    | 7. Giant Arrowhead  |
| 4. Water Lily | 8. Ornamental Grass |

## Complete Tub Garden \$3

COLLECTION NO. 50

All plants needed for a pleasing tub garden and one from which you will derive much pleasure. The plants have been chosen for the beauty they will lend the garden and their ease of culture.

**1 Water Lily.** Your choice of Marillac White or Aurora, copper red.

**4 Aquatics** including the best of floating and shallow water plants.

**4 Marginal Plants** to plant about the tub and in the background.

**Pair of Water Snails** for scavengers.

Postpaid to your address \$3.

## Blue Triumph Special

This beautiful, giant blue flowered Water Lily will be the crowning joy of your pool. Its huge, deep blue blossoms, 10 to 12 inches across, are produced in endless succession all summer long. They come into bloom early—our plants are shipped in bud—and continue until the frosts of autumn. In small pools they give an abundance of fragrant flowers and readily adapt their growth to size of pool. The demand for it has become so great that we now devote an entire unit to it alone. Try it and take advantage of this special price. **POST PAID \$2.50.**

## Butterfly Trio

COLLECTION NO. 75

Three tiny, colorful lilies to be planted in the same box. Give them a corner to themselves and enjoy them. **Postpaid \$3.**

**Pink Laydecker.** Jewel-like pink.

**Chrysanta.** Dainty salmon and orange.

**Yellow Pygmy.** Starry yellow.

Happily water lilies will thrive in the confines of a tub or barrel in any nook or sunny corner of the garden, growing so easily and beautifully that everyone should enjoy them. You do not really need much room, a space three or four feet square making a very pleasing small water garden. All of us can experience the joys of this form of gardening, growing some bright water lily and several varieties of water and bog plants in and about the tub.

Choose a sunny spot and sink your tub—a common washtub makes a splendid container—or half barrel in the ground. Two or three tubs are often grouped together, filling the space between with perennials or perhaps a rockery around them. The tubs should be filled with five or six inches of garden loam to which a handful or so of commercial fertilizer, such as Vigoro or Loma, has been added and well mixed. During the summer a spoonful added every two or three weeks will keep the plants growing and blossoming. Picking off the older leaves occasionally will keep the plants in bloom all summer long.

## De Luxe Tub Garden \$5

COLLECTION NO. 51

In this collection we feature particularly choice varieties of lilies. Such sought after kinds as Comanche and Gloriosa make it an attractive value.

**1 Water Lily.** Your choice of Comanche, Gloriosa, Somptuosa.

**6 Aquatic Plants,** including Papyrus, Giant Arrowhead, etc.

**6 Poolside Plants** in a fine selection.

**Pair Japanese Trapdoor Snails** as scavengers.

Postpaid to your address, \$5.

## Tropical Tub Garden

COLLECTION NO. 52

The De Luxe Tub Garden with Blue Triumph for the Water Lily. **Postpaid \$5.**

## Special June 12th Offer

The color and brilliance of Tropical Water Lilies, with their huge blossoms, appeal to everyone and each year our greenhouses have been filled to overflowing. From March to June when our rush season is on, we ship thousands of these plants weekly. This year we have added a special unit for the growing of Tropical Water Lilies out-of-doors. These plants are very vigorous and hardy and when planted out in your pool grow with great rapidity. They are in flower when shipped. **These out-of-doors grown Lilies are ready for shipping only from June 12th on.** The following varieties are offered at a very special price: **Pennsylvania, Panama Pacific, August Koch, Mrs. George H. Pring, General Pershing, Mrs. Edwards Whitaker.** Shipped only between June 12th and 22nd at \$2.25 each postpaid. **Mention June 12th Offer when ordering.**

# The Basis of Your Water Garden

## HARDY WATER LILIES

**PROLIFIC IN BLOOM—PERPETUAL IN FLOWER**



This group of lilies should form the basis of your water garden. They are perfectly hardy anywhere, thriving as well in Canada as in Texas, needing only the protection of a winter covering to stand the coldest weather. Blooming as they do from early spring until autumn they are indispensable, assuring you of a long succession of brilliant flowers with but a minimum of care. There is no plant in the garden giving such an abundance of cheerful color during the long spring and summer months and needing such little attention. Provide them with fresh soil or a dressing of fertilizer in spring and they are content for many months to come.

They have a wide range of color, red, yellow, and all the pastel shades and sufficient novelty of form and habit to make a collection of them a never ending source of delight. Some of them have blooms eleven inches across while others bear tiny jewel like flowers hardly the size of a dollar. All of them are native to the cooler parts of the United States and Eurasia and may be depended upon to be perfectly at home in your garden pool. The variety at the left is *Attraction*.

## The Dozen Best Hardy Water Lilies



You will particularly enjoy these varieties as only those that through long years have proven the most popular are listed. We feel our patrons have selected them because they combine the qualities of prolific bloom and sturdy growth as well as beauty of flower.

**SPLENDIDA.** A rich, deep strawberry pink the heart fairly pulsating with color together with a very pleasing form and perfect habit make this a general favorite. A long bed of this in our nursery fairly blazed with color all summer long and as the days shortened the color intensified to a rich red pink. Do not fail to include this new and rare French variety. **Illustrated in color on rear cover. \$3.**

**COMANCHE.** The best of all the sunset colors and the hardest of all water lilies. Brilliant, glowing amber red with heart of fire. The plant is very sturdy, blooming over a long period and thriving as well in the small tub garden as in the large pool adapting itself to the space at hand. It flowers more persistently than any other variety we know, repaying neglect with plenteous bloom. Pictured in full color on page 18. **\$3.**

**SUNRISE.** This magnificent sunrise yellow lily has enormous crepe-like blossoms measuring over 11 inches across. Even as a young plant it surpasses all others in size. The glor-

ious blossoms are raised on slender stems above the water, the petals having a crepe-like texture and charming gracefulness quite unlike most gigantic flowers. Wherever we have planted it, it is invariably singled out for special attention. Best of all its blooming season is from early spring until cut down by autumn frosts while in California it blooms almost the year around. It is the most sensational hardy lily we catalog and stocks are always short. Pictured in color on page 18. **\$5.**

**GLORIOSA.** A very popular red lily for all purposes. The exquisite flowers are above the average in size containing a great many petals of fiery red. Does splendidly as a tub plant blooming quite freely in crowded quarters. It often blooms three weeks after planting as many customers have written us. When allowed ample space to develop the blooms become very large, floating on the water, there often being four or more open at one time. A patch 15 feet square in our pools had an average of over 150 blooms daily throughout the summer. **Pictured in color on front cover. \$3.**

Since  
1876



JOHNSON  
Water Lilies

WATER . GARDENS  
from Hynes. California



PAUL HARIOT

**PAUL HARIOT.** The development of this prize lily is most pleasing for on the opening day the petals are clear yellow suffused with rose, becoming orange pink on the second day and deepening to red on successive days. We have featured this lily because we consider it one of the best all around varieties blooming profusely and being a very sturdy, hardy plant. If you enjoy harmonious coloring you will like it. \$1.50.

**CONQUEROR.** One of the most popular lilies grown being outstanding in showiness, size and freedom of bloom. It also flowers quickly after planting, often in less than a month. The 8-inch crimson flowers are continuously borne during the entire spring and summer the plant soon sending up several flowers at a time. We are sure you will be pleased with this lily and particularly the fine large roots we offer. \$3.

**JAMES BRYDON.** A gorgeously vivid rosy crimson blossom full petalled and broadly cup-shaped. The color seems to glow in the sunshine and together with the bronzy red leaves gives the plant most colorful and bright appearance. An old variety quite uncommon and much sought after by those who are familiar with it. We can offer but a limited number this season. \$2.50.

**VENUSTA.** Brilliant, deep pink flowers verging on red, a glowing intense color that you will admire every time you see it. It is a variety of the fragrant Cape Cod Lily and blooms quite freely. The beautiful cupped blossoms are borne on stout stems opening earlier in the morning than any other lily. The leaves are a rich, bronzy red, a fine foil for the flowers. A bowl of cut blooms floated on their pads will cause your luncheon visitors to exclaim! Every lover of color and fragrance should have this lily. \$2.50.

**SOMPTUOSA.** Among pink lilies it would be difficult to choose a more satisfactory sort. As the name implies it is a most sumptuous flower with a good depth to its color and satiny texture of its petals hard to define. Above the average in size, perfect in form and rather double it is a splendid addition to our choice varieties. Generally listed as a rare and expensive plant we are enabled this year to offer it at a popular price. Pictured in color on rear cover. \$3.

**ESCARBOUCLE.** The most brilliant flowers of all the red water lilies. Bright intense red, deepening to crimson with garnet stamens. A free flowering, strong growing variety well repaying any attention given it. One of the hardest and best yet introduced. Pictured in natural colors on inside front cover. \$5.

**ATTRACTION.** A large flower, remarkably bright in color and almost 8 inches across. The brilliant garnet red petals are brought vividly into relief by the lighter colored sepals. It is a very free bloomer and a vigorous, thrifty plant soon becoming established in your pool. We really cannot do it justice. \$5.



GONNERE

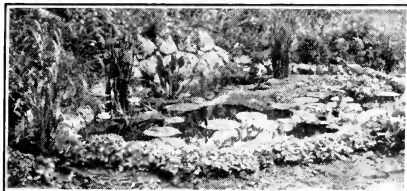
Immense snowwhite globes.

**GONNERE.** We are at last able to offer this finest of white lilies in sufficient quantities, we hope, to supply the demand. Think of an enormous, dazzling globe of snowy whiteness nestling among apple green pads and swaying to the ripples. There are only four really double lilies and this so far surpasses others in dazzling brightness and freedom of flowers as to place it by itself. It averages 80 quilled petals to the blossom being almost a full globe. Words cannot do it justice, it must be seen to be properly appreciated. This and Sunrise seem to be the most spectacular lilies we have. \$5.

## Twelve Best Hardy Lilies

COLLECTION NO. 53

ONE EACH OF THE TWELVE BEST LILIES  
POSTPAID \$30.



The very charming pool of Geo. W. Albrecht, La Porte, Indiana. Order one of our Complete Pool Collections for your own pool for a similar effect.



# Be Informed Before Ordering

**We guarantee the safe arrival of all plants shipped**

It is our desire to serve our customers with as little trouble to them as possible. In ordering, please read the instructions carefully, using the order blank enclosed.

**HOW WE SHIP.** All shipments are made by parcel post which assures you of a speedy delivery right to your door. We **guarantee** the safe arrival of all plants shipped. Fifty-six years of service to our customers has perfected our packing methods so that plants will reach you as fresh as the day they are shipped.

**WHEN WE SHIP.** Hardy Water Lilies may be planted any time of the year, thriving even when planted late in summer. However, to secure the longest blooming period they should be planted early in the spring. Our mild climate permits us to dig water lilies for the earliest shipments. We ship at the earliest practical date for your locality. Our plants are cured and ready for shipping weeks before northern plants can be dug.

**TROPICAL WATER LILIES** should not be planted until the temperature averages 70 degrees. Here are the approximate shipping dates for the following key cities: St. Louis, Nashville, Portland, Oregon, May 25th; Chicago, New York, June 1st; Houston, Savannah, Oakland, May 15th.

**HARDY CALIFORNIA LILIES.** California sunshine makes our plants the strongest and hardiest grown. Their extreme hardiness makes them the best plants for the northern states and Canada.

**CANADIAN ORDERS.** Our patrons in Canada should secure from the Destructive Insect and Pest Board, Ottawa, a permit to import plants, which is freely given. Enclose with your order the address label they will send you.

**SOUTHERN STATES.** Plant our lilies early and gain from 30 to 60 days over plants grown in the north.

**TERMS.** Make all checks and money orders payable to Johnson Water Gardens, Hynes, California. Please read carefully instructions on shipping costs.

**CALIFORNIA PRICES.** Our reasonable prices reflect our favorable climate and the fact that we grow all our own lilies. It assures you of the best roots to be had and the most flowers at any price.

**GUARANTEE.** We guarantee our plants to be true to name and to be delivered to you in good condition. All complaints must be made within ten days after shipment is received.

**OUR EASTERN CUSTOMERS** will be glad to learn that we are now enabled to ship fish through our connections in Baltimore and that they will receive the same prompt and individual service as before.

## Shipping Costs

### HOW TO ESTIMATE EXACT POSTAGE.

Our numbered collections and Desert Plants are sent postpaid. All other plants, except Tropical Lilies (which, see below), should have 10% of their value added for postage. Thus a \$2.50 order will require 25 cents postage. This small amount of postage brings our nursery service to within the boundaries of your own state. To further reduce charges we enclose with each order **extra plants** to cover the amount of postage sent us.

**TROPICAL WATER LILIES.** For each Tropical Lily ordered add 30 cents extra for postage regardless of the value of the plant. They are large and heavy plants and this minimum postage fee brings our nursery to within the third postal zone from your home.

## About Our Water Gardens

As the pioneer aquatic nursery in America we have long been equipped to serve our customers with the best in water plants. Through the years we have developed the most complete establishment of its kind in the world with acres of concrete pools, greenhouses and lathhouses to promptly handle the thousands of orders shipped to our customers throughout the world. Our collection of lilies is most complete, embracing the scores of lilies introduced during the last fifty years for here, even the tenderest grow in profusion.

We have introduced to American gardens the plants that are today the most widespread. The Sacred Lotus, gorgeous Night Blooming Lilies, the blue and pink Tropical Lilies are all descendants of those distributed by us a half century ago. Among our more recent introductions from European sources are the glorious double white Gonnere, the giant Sunrise and brilliant Comanche.

Our reputation for quality stock and fair dealing goes back for two generations and our thousands of customers prove that our desire to serve goes beyond the mere shipping of your order. We believe this confidence our patrons have is due to our sincere desire to prove worthy of it.

## Your Questions Answered

We have answered every ordinary question concerning the care of the water garden. Practical methods of building pools are on page 1 and these may be varied to meet your own particular problems. Pages 3 and 4 give full instructions on planting and caring for the pool. Further comments on where and how to plant are given with the descriptions of the plants. Throughout the catalog are many photographs of pools built and planted by garden lovers who had no previous experience. We are always glad to answer questions. Write us your problems. We will try to answer them fully.

# Hardy Water Lilies

## General List



Rene Gerard A huge rose.

We have brought together here all the more desirable hardy lilies in a very complete group. On page eight we have indicated the twelve most popular kinds and their merits are discussed there. Our collection is the most complete in the world, the result of more than fifty years of selection and among them will be found all the desirable lilies that have been proven through time. Hardy lilies vary considerably in color and shape and also in the way the plant grows. They are found wild throughout the northern temperate zone, each country having its peculiar kinds. In the cold lakes of Sweden is a beautiful red lily, in Central Europe the lakes abound with a large white one, while from China comes the tiny Pygmy lily. These have been hybridized with our native whites and yellow lilies, producing all the various kinds found in gardens. The variety pictured at the left is Rene Gerard.

## Sunset Colors

**COMANCHE.** The best of all the sunset colors. Brilliant, glowing amber red with heart of fire. With age the flowers deepen to a warm orange red. The plant is a very sturdy, free bloomer thriving under a great variety of conditions being perfectly at home in a small tub garden or luxuriantly spreading over a large pool. It blooms more persistently than any other variety we know and is the hardiest of all water lilies. Pictured in full color on page 18. \$3.

**Paul Hariot.** Colorful orange pink flowers, changeable with age. A very good plant for the small water garden and a special featured variety with us. \$1.50.

**Indiana.** A very fine copper-colored lily with yellow and rich pink tints predominating, deepening to red with age. The flowers run the gamut of colors, a plant often having three distinctly colored flowers at once. A free grower of moderate size bearing many flowers. \$2.

**Graziella.** Charming orange-pink flowers shading to a fine orange-red with age. A splendid variety for the tub garden and one you will enjoy for its unique color and pretty cupped form. \$1.50.

**Fulva.** Changeable flowers, opening out yellow overlaid with red, deepening to tawny red with age. Bold foliage heavily spotted with maroon. \$2.

**AURORA.** A very changeable variety, opening a creamy yellow, deepening through orange red to dark red as the flowers age. A box of these is a beautiful sight. Particularly suited for small pools as it is semi-dwarf in habit and free in flower. \$1.50.

**Chrysanta.** A very fine variety for the tub garden. The flowers open a soft rosy yellow and daily deepen to vermilion. Splendid for small pools. \$1.50.

**Solfaterre.** A flower with the same sterling qualities as Paul Hariot. On opening the petals

are yellow, softly shaded with a rosy blush, as the flower ages the apricot shades become more pronounced, until at last the bloom is suffused with red. The flowers are 5 to 6 inches across with a broadly rounded form and floating among the pads. A very vigorous and prolific bloomer. \$2.50.

**Sioux.** Rich chrome yellow flowers tinged with bronze deepening to orange red. A very brilliant flower and a sturdy free blooming plant. \$3.

## Red and Crimson

**GLORIOSA.** A gorgeous flower, brilliant shining red in color and above the average in size. It is one of the most popular lilies we have and as an all around useful plant it has



COMANCHE

A persistent bloomer of glowing sunset color



no peer. Does splendidly in the tub garden blooming profusely. In the larger pool it develops into a cluster the exquisite semi-double blooms measuring 7 inches across. Many of our customers write in that it comes into bloom almost at once after planting and agree that it is all that could be desired in every way. Pictured in color on front cover. \$3.



**CONQUEROR**  
Huge Crimson Blossoms

**CONQUEROR.** An immense flower 8 to 9 inches across and of a fine crimson color. We recommend it particularly and list it among our 12 best lilies. Illustrated in color on rear cover. \$3.

**ESCARBOUCLE.** The most brilliant flowered of all the red water lilies. Bright, intense red, deepening to crimson, with garnet stamens. A free flowering, strong growing variety, well repaying any attention given it. One of the hardest and best yet introduced. Pictured in natural colors on inside front cover. \$5.

**Attraction.** An immense flower and listed among our twelve best lilies. Remarkably bright red in color and very free in bloom. We have counted fifty blossoms on a single box of them. Fully described on page 7. \$5.

**William Falconer.** The deepest red of all lilies being almost a velvety red-black the heart set off with garnet stamens. The leaves are beautifully marked and the plant a vigorous grower well known to fanciers. \$5.

**Red Laydeker.** (Laydekeri fulgens.) One of the very best lilies we know. The flowers are of good size, vivid red and freely borne. In fact it is so good we have hesitated to feature it as stocks are scarce. A single plant will have from 3 to 4 flowers open at one time and a box of them will be a sheet of vividness for months. \$2.50.

**Picciola.** A very large, dark crimson variety. The leaves are heavily spotted with red. \$3.

**Robinsoni.** This has been a favorite with water gardeners for almost 30 years because of the beauty of the flowers which are a bright warm tone of red with orange red stamens. It is a particularly vivid color to group and is recommended for large plantings. \$2.50.

**Fabiola.** A strong growing red lily with flowers borne on upright stems. Fine for deep pools. \$3.

**Newton.** An outstanding new variety remarkable for the brave show it makes. The large red flowers are quite like the tropical lilies. You will enjoy its novelty. \$5.

**Vesuve.** A very dark and beautiful red lily producing an incredible number of flowers. The floating blossoms are large and full petalled with a satiny sheen. \$3.

**RENE GERARD.** An immense flower 8 inches in diameter and a fine red pink in color. It should be in every collection. \$5.

**Atropurpurea.** Glorious, deep crimson flowers, 7 inches across, with heart of golden yellow. The blooms are extra large and very freely borne. \$5.

**Lucida.** Warm red flowers and beautifully mottled leaves. \$2.

**Marliac Flame.** (M. flammea.) Deep red floating flowers on the order of Gloriosa. It is as free in flower as the other Marliac lilies and has all their qualities of vigor and hardiness. An old and choice sort. \$5.

**Meteor.** A very large fiery red lily with beautifully crumpled petals. \$5.

**Arethusa.** The flowers are large with fine broad petals, deep rich crimson in color and with lighter sepals. The whole flower has a pleasing velvety sheen. \$5.

**Sultan.** A very attractive red lily deepening from rose to cherry red toward the heart. The flowers are large and always freely borne throughout the summer. \$5.

**MARLIAC RED.** (Marliacea rubra punctata.) Bright red flowers freely produced. An old and tried variety of which stocks are always short. Similar to the other Marliac lilies except in its brilliant red coloring. A most dependable sort in every way. \$3.



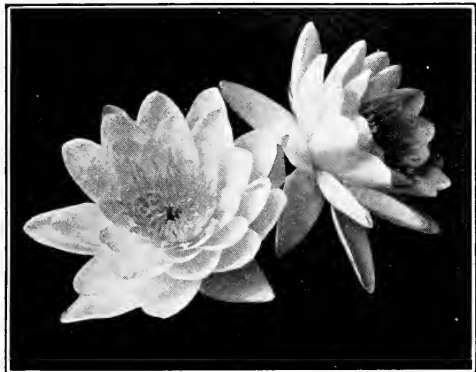
A pleasingly informal water garden constructed by Mr. V. Compton of Detroit, Mich. These simple, small pools give an abundance of bloom for many months, affording a great deal of pleasure with a minimum of care. Our Collection No. 71 on page 25 will give a great deal of color in a pond of this type.



**James Hudson.** Enormous tulip shaped flowers with pointed petals. The flower is rich rose crimson, outer petals white stained rose. \$10.

**Marliac Fire.** (Mar. ignea.) A fine free flowering lily with fire red blossoms. \$3.

**Sirius.** Deep ruby red flowers almost black in color. Very large. \$3.



**MARLIAC YELLOW**

## Yellow

**MARLIAC YELLOW.** (M. chromatella.) Bright sulphur yellow in color with broad curving petals. It blossoms over the entire spring and summer, producing an endless succession of its large blooms. The leaves are handsomely splotted with maroon. A very vigorous plant and one of the best we have. Thrives under all conditions and is extremely hardy. One of the most popular sellers and the basis of many of our collections. \$1.50.

**Chromatella.** Another name for Marliac Yellow described above.

**SUNRISE.** This is the largest of all hardy lilies reaching over 11 inches across. The immense sulphur yellow flowers have a gracefulness and charm all their own. For a full description of this fine lily see under 12 best lilies. Pictured in color on page 18. \$5.

**Odorata sulphurea.** Fragrant yellow blossoms borne upright above the water, the petals being crumpled. \$1.50.

**Yellow Pygmy.** Bright yellow miniature flowers borne in continuous profusion. A gem for the small water garden and no pool is complete without it. It is a very cheerful little flower and we are sure you will enjoy it. \$1.

**Moorei.** A new yellow lily with the same fine qualities as Marliac Yellow. It differs in being a shade darker yellow and in the leaves being finely spotted instead of mottled. A first class variety. \$2.50.

**Mexicana.** The wild Florida lily with bright yellow flowers. Increases by runners like a strawberry. Not hardy north of Philadelphia. \$1.

## IMPORTANT

Plant California lilies where winters are severe for their extra hardiness.

## Pink and Rose

**MARLIAC PINK.** Beautiful pale pink flowers of a most exquisite color when the buds unfold and with a very dainty perfume. The flowers are quite large while the plant is a vigorous free bloomer of the best type. The blooms open quite early in the morning. One of our most popular kinds. \$1.

**ROSE AREY.** Starry, deep pink, intensely fragrant flowers of exceptional size. The bright, even, cerise color and the beautiful, full, starry form makes this one of the best of the Odorata section. One of the most popular lilies. \$1.50.

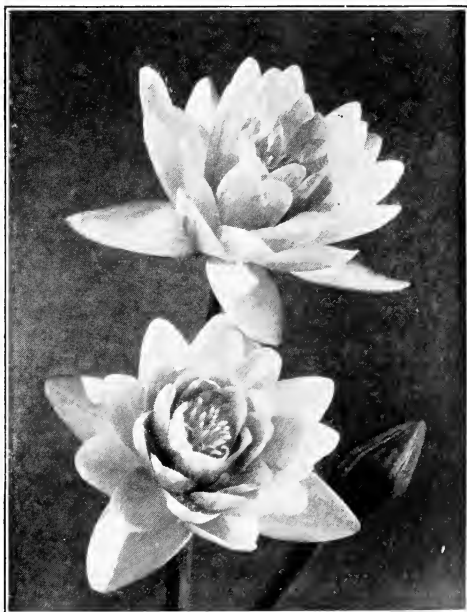
**JAMES BRYDON.** If you once see this lily you will want it. The bright rosy red flowers are broadly cup shaped and massive in appearance. It is one of our most admired kinds. See page 7 for full description. \$2.50

**Odalisque.** A striking, deep pink lily opening very early in the morning. Intensely fragrant. \$3.

**Pink Opal.** A pretty variety of the wild pond lily of Cape Cod. Graceful cup shaped flowers of deepest pink and quite fragrant. \$1.50.

**Neptune.** An imported variety with beautiful pink petals flushed with red at the base giving the flower a most attractive appearance. It does not seem possible for a plant to bear more flowers than this one does. \$3.

**VENUSTA.** An exquisite new lily of an indescribably brilliant pink. On page 7 is a full description of it. \$2.50.



**SOMPTUOSA**

A fine brightly colored lily.

**SOMPTUOSA.** One of the largest and best of the pink lilies. One of our best 12 lilies. Fully described on page 7. \$3.



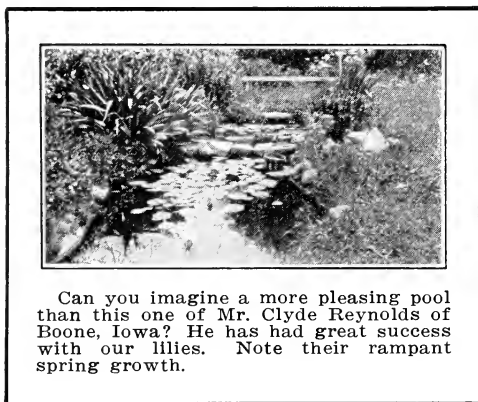
**SPLENDIDA.** A fine strawberry pink flower and one that you will greatly admire. It is pictured in full color in the collection of lilies offered on our rear cover. \$3.

**The Harlequin Lily. Esmeralde.** A new striking bicolor, unique in having its petals marbled pink and white in a most unusual and pleasing way. The 7-inch flowers are borne in profusion. No collection is complete without this one. \$2.50.

**MARY PATRICIA.** Introduced by us last year, it has proven very popular. The daintiest blossom imaginable of deep peach blossom pink and as royally generous in flower as its prototype, *Gloriosa*, which it greatly resembles in habit. We know this will find your approval both for its daintiness and bountiful supply of flowers. \$1.50.

**Eugenia de Land.** A very charming sweet-scented lily of the *Odorata* section. The long spreading petals are deep pink near the base, blush at the tips, giving a very distinctive coloration. The blooms are of good size and semi-double. \$1.50.

**Morning Glory.** An exquisite soft shell pink lily, very beautiful, particularly when opening in the mornning. The blossoms are large and quite freely borne. The plant is a good, robust grower. \$2.50.



Can you imagine a more pleasing pool than this one of Mr. Clyde Reynolds of Boone, Iowa? He has had great success with our lilies. Note their rampant spring growth.

**Pink Leydeker.** (*Laydekeri lilacea*.) This is the queen of miniature lilies no other comparing with it. The miniature blossoms are perfect jewels, replicas of their larger neighbors in every minute detail. And best of all, it blooms from early spring to late fall and bears a rich profusion of flowers; we have counted 72 open ones on a box of them. No pool, however small, should be without this tiny plant. \$1.50.

**CARMINE LAYDEKER.** (*L. purpurata*.) Pleasing carmine rose flowers borne in constant succession. A first rate variety for the small pool as the plant is dwarf in habit. \$1.50.

**Mrs. Richmond.** A magnificent flower of great beauty and exquisite coloration—rose deepening toward the glowing heart in a most striking way. The massive flowers are many petalled, very large and most freely and continuously produced. One of the rarest and handsomest varieties yet produced. \$5.

**Leviathan.** As the name implies it is a mammoth bloom, 8 inches across of a deep pink color. A very free bloomer and vigorous grower. \$1.50.



### SUNRISE

A sensational yellow flower.

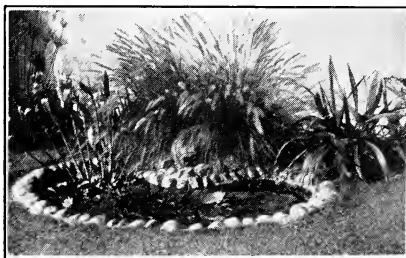
**Galatee.** A very pretty and free flowering pink lily with leaves spotted maroon. Absolutely distinct in foliage and flower. A very hardy plant and one that will give satisfaction under all conditions. \$1.50.

**FORMOSA.** Immense soft pink blooms opening out wide with broad round tipped petals and golden yellow stamens. It has a very pleasing fragrance that seems to go with just such a color. One of its best features is the freedom with which even the tiniest plants bloom in never ceasing abundance. \$3.

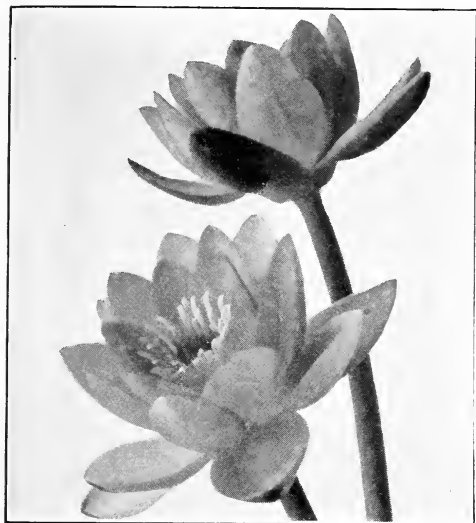
**AMABILIS.** Its very attractive, starry form and spreading petals set it in a class by itself. In color it is a bright silver pink and easily averages over 7 inches in diameter. A good plant for the small garden. \$5.

**Mme. Julian Chiffot.** A magnificent star shaped variety whose spreading petals reach eight inches across. Beautiful tender pink in color with heart of golden yellow. One of our choicest lilies. \$5.

**Goliath.** Exquisite decidedly tulip shaped flowers, bright pink in color. \$5.



A planting of graceful marginal plants adds greatly to the beauty of this pool of *Cornelia D. Flaister* at Point Loma, Calif. Hardy Fountain Grass at the back with Palm Grass and Azure Pickereel Plant.



**MASANIELLO**

Fine pink flowers on graceful stems.

**MASANIELLO.** One of our most popular varieties. A vigorous plant and a good variety for all purposes. The illustration well shows its graceful form. The flowers are a fine pink color. \$1.25.

**Gloire de Temple-sur-Lot.** Exquisite, bluish pink blossoms, with conspicuous yellow heart, perfectly double and with crumpled petals in form exactly like a splendid cactus dahlia. \$3.

**Rosita.** A rather novel cherry red flower with bronzy leaves. \$5.

**Marliac Rose.** Deep pink fragrant flowers opening early in the morning. As popular today as 30 years ago. The fragrant waxy blossoms last several days when picked. \$2.

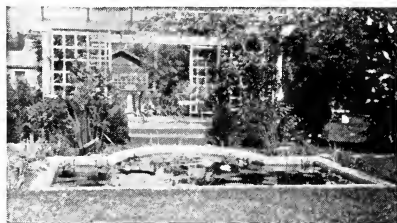


Water gardening is a fever that grows on one. Each year sees an addition in the garden of Mrs. Fred Sloop, Nortonville, Kans. In the foreground are Star Lilies just coming into flower. Our Nile Garden Collection No. 64 is just right for the circular pool, the Lotus making a fine centerpiece. Complete Pool Collection No. 53 is designed for the rectangular pool.

**WILFON GONNERE.** Double pink globes somewhat like Gonnere. \$3.

**Charles de Meurville.** Large pink flowers suffused with red. One of the best bloomers we know and a handsome flower. \$3.

**SOUV. DE JULES JACQUIER.** Immense basin shaped flowers 8 inches in diameter. They are deep rose pink in color with a heart of clustering mahogany stamens. The buds are very large and round almost like tennis balls. A sterling plant. \$10.



The beautiful pool and garden of Mrs. Howard B. Hoel of Greenville, Ohio. The formal pool set in an emerald green lawn with the background of shrubbery and the white tracery of the pergola makes a perfect outdoor living room. Our Collection No. 53 described on page 16 makes a beautiful formal pool.

## White

**MARLIAC WHITE.** Snowy white broad petalled flowers with bright yellow stamens. The fragrant blossoms are 5 to 6 inches in diameter and freely produced throughout the entire season. A most desirable plant and one of our best sellers. \$1.

**GONNERE.** This is one of the finest introductions we have secured in Europe but until recently we have had but few plants to offer. We hope to be able to fill all orders this season but ask you to order early to be sure of securing it. Its immense double white flowers are fully described on page 7. \$5.

**Albatross.** Large, dazzling white, fragrant flowers. The pointed, spreading petals and golden heart set it apart from its fellows. Leaves marbled with maroon. \$3.

**Lactea.** A moderate grower with creamy white blossoms. \$1.50.

**Alba plenissima.** Globular snow white flowers. \$2.50.

**GLADSTONE.** Large dazzling white flowers with broad waxy petals. A vigorous, lusty grower. \$1.50.

**White Laydeker.** A very pretty lily of dwarf size suitable for small pools. The snow white blooms have a distinct yellow heart and a pleasing tea fragrance. \$1.50.

**Hermine.** The flowers of this lily are pure white and have a beautiful starry form. It is particularly suited to tub gardens and the small pool both because of its freedom in flower and the small space it requires. \$2.

# Lilies For the Small Pool

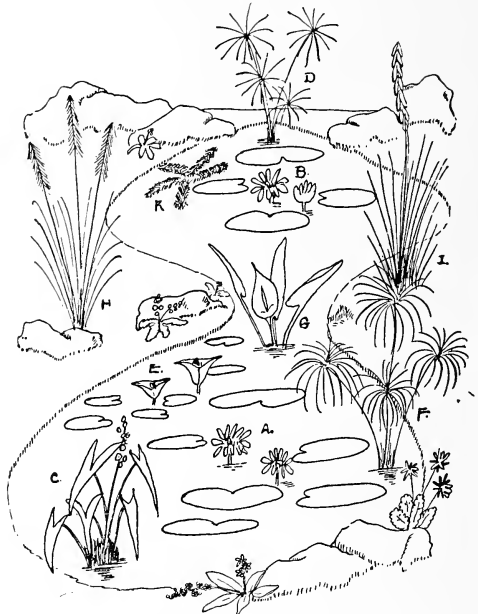
## Complete Collection for Small Pool 20 square feet

... \$5

COLLECTION NO. 54

This attractive grouping will well furnish a small pool containing as it does a balanced assortment of water plants and two free blooming lilies. The lilies have been carefully chosen to provide you with plenty of bloom.

- A. **COMANCHE.** Flaming sunset.
- B. **MARLIAC WHITE.** Pure white lily.
- C. **Arrowhead.** White flowers.
- D. **Umbrella Palm.** Green plumes.
- E. **Water Poppy.** Yellow flowers.
- F. **Egyptian Paper Plant.** Plumy heads.
- G. **Calla Lily.** Large white flowers.
- H. **Ornamental Grass.** Graceful plumes.
- I. **Torch Lily.** Tall spikes of orange red.
- J. **Water Hyacinth.** Blue flowers.
- K. **2 Fish Plants.** Oxygenating.



The informal, irregular pool offers the ingenious water gardener a pleasant field for experiment in effects. The above graphic view shows only one of the many different arrangements to be had with the same set of plants.

## Complete Collection for Small Pool

4 x 7 Feet

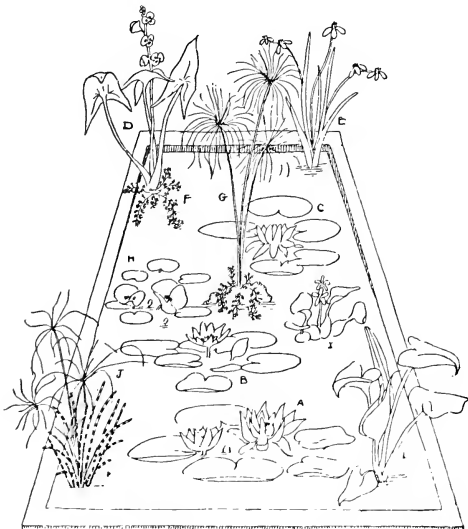
... \$7.50

COLLECTION NO. 55

So many of our customers have written to us during the past season inquiring as to what to plant in an average small pool that we have decided to list a balanced collection such as we would like in a pool of our own.

- A. **GLORIOSA.** Bright red.
- B. **SPLENDIDA.** Strawberry pink.
- C. **PAUL HARIOT.** Orange.
- D. **Arrowhead.**
- E. **Yellow Flag.**
- F. **Parrot Feather.** Fish Plants.
- G. **Egyptian Paper Plant.**
- H. **Water Poppies.**
- I. **Water Hyacinth.**
- J. **Umbrella Palm.**
- K. **Porcupine Grass.**
- L. **Calla Lily.**

\$10 Collection POSTPAID FOR \$7.50.



In this birdseye view of a formal pool we have given particular attention to the planting of the sub-aquatics that lend themselves so gracefully to completing the pool picture. The arrangement can be adapted to the rectangular or circular pool.



# The Sacred Lotus

## of the Orient

This queen of aquatic flowers has for thousands of years been understood and appreciated by Oriental peoples. As a religious symbol it has seemed to them to express the relation of the spirit to the world of everyday life—a chaste flower rising from the mire. Throughout America it grows luxuriantly, thriving abundantly during the summer months, sending up its great umbrella shaped leaves which are overtopped by the huge, rosy pink blossoms. The graceful, curving petals surround an inner ring of golden stamens, surmounted by a cone-like capsule. They require the same care as water lilies; growing in water from 2 to 12 inches deep. The plants grow rampantly and should be confined within boxes.

**SACRED LOTUS.** Breathing the spirit of the Orient this strange plant has for thousands of years been grown for its beauty and religious significance. The immense pink flowers exhaling a peculiar and characteristic fragrance, the large umbrella-like leaves borne on their tall stems, the flowers rising to expand above them, all lend the plant a most stately appearance. This exotic plant was first introduced by us in 1876 and all the present day plants are descendants of this first introduction. **\$2.**

**DOUBLE RED CHINESE LOTUS.** Huge double red flowers like giant American Beauty roses. A glorious variety giving a tremendous display blooming profusely. A truly magnificent plant with flowers a foot across. Last year a box 4 feet square had 12 open flowers at once. **\$5.**

**Flavescens.** Beautiful sulphur yellow flowers. This fine plant was introduced by us some years ago and because of its fine color and freedom of bloom quickly won a place in the first rank. A fine variety for the tub garden. **\$2.50.**

**Album striatum.** White splashed with crimson. A unique color combination and very showy. Very large flowers. **\$2.50.**

**Double White Japanese Lotus.** (Shiroman.) Giant, very double snow-white flowers like huge pompons. A striking plant and fit companion to the Chinese Lotus. **\$3.50.**

### Temple Garden Trio

**COLLECTION NO. 56**

Three of the best Lotus for a real Oriental Garden. Plant them in separate boxes for a center piece putting an Egyptian Paper Plant in the center. The beautiful leaves and flowers give an unequalled tropical effect. **Postpaid \$7.50.**

**Sacred Lotus**

**Double Red Chinese Lotus**

**Flavescens**

## Tropical Water Lily Seed

For those who care to experiment with raising water lilies from seed we offer a selection of the best Tropical kinds as very few Hardy lilies bear seed. They will flower the first year.

Use a heavy loam soil without leafmold. Swamp muck is good if thoroughly sterilized by baking in an oven. Cow manure should not be used nor soil with decayed leaves, as it will bubble and ferment, causing the young plants to damp off. It is often well to sow outdoors in June covering the pan with screen wire.

Sow them in soil in a pan, covering lightly with sand, then gently submerging them in water about 6 to 12 inches deep. If sown early, put them in a pail in a warm sunny window, planting out in June.

**Note:** Do not count on early bloom from seed. Plant our potted plants for early bloom.

**Caerulea.** Blue.

**Juno.** White night blooming.

**Geo. Huster.** Red night blooming.

**Dean.** Pink night-blooming.

**Johnson's Hybrids.** Rose and Blue.

**Zanzibar Pink.**

**Zanzibar Blue.**

**Zanzibar Purple.**

**Capensis.** Brilliant blue.

**Independence.** Brilliant pink.

**August Koch.** Blue viviparous.

Seed of the above varieties at 35 cents per packet. 3 packets for \$1.00 postpaid.

**Sacred Lotus.** 50 cents per packet.

**Yellow Lotus.** 50 cents per packet.

**4 VARIETIES OF LOTUS MIXED FOR \$1**

### Tropical Seed Collection

**COLLECTION NO. 57**

**SET OF 10 PACKETS OF TROPICAL WATER LILY SEED. POSTPAID \$2.50.**



**T**HIS graphic view showing the arrangement of the 50 plants in this superb collection can be easily modified to suit any shaped pool of the same size or larger. Key letters and numbers refer to the plants listed below.

# Fifty Beautiful Water Plants

as illustrated above for only . . .

COLLECTION NO. 58

## A Complete Water Garden for the popular size pool . 7 x 10 ft.

This group includes all the plants you will need to complete a very attractive water garden. Five of the best water lilies in a fine range of color, plants for the center-piece and corners, oxygenating plants for the fish and floating plants. Ornamental grasses and flowering perennials for the border complete the collection. With such a background your pool will be a blaze of color during the entire summer and fall.

### FIVE GLORIOUS WATER LILIES

1. **Gonnere.**  
Huge double white flowers.
2. **Comanche.**  
The best sunset color. Glowing amber.
3. **Escarboucle.**  
Brilliant red flowers.
4. **Marliac Yellow.**  
Canary yellow. Always in bloom.
5. **Rene Gerard.**  
Huge deep pink flowers.

**\$17.50**  
Postpaid

### PLANTS FOR CENTER PIECE OF POND AND CORNERS

- A. 3 Water Iris. Blue and gold.
- B. 1 Arrowhead; 2 Umbrella Palm.
- C. 3 Umbrella Palm. Tall and feathery heads.
- D. 2 Egyptian Papyrus; 3 Arrowhead.
- E. 1 Porcupine Grass; 2 Parrot Feather.
- F. 3 Water Poppies. Cheerful yellow flowers.
- G. 1 Calla Lily; 1 Egyptian Papyrus.
- H. 1 Primrose Willow; 1 Arrowhead.

### PLANTS FOR THE FISH

- I. 3 Water Hyacinth.
- J. 6 Bunches of Fish Grass.

### 12 BEAUTIFUL BORDER PLANTS

- 4 Ornamental Grasses
- 4 Torch Lilies
- 4 Assorted Perennials

**The catalog price is \$30—buy the \$17.50 Collection and save \$12.50 . . .**

# Tropical Star Lilies

## The Hardy Tropical Lily

Each year we become more firmly convinced that the Star Lilies are among the most satisfactory lilies for all purposes. For the small pool, for the park and for cut flowers they have no superiors. They are easy to grow, the freest of all in flowering and of sturdy constitution, thriving with a minimum of care. We can ship these lilies as sprouted tubers at any time of the year with perfect safety and they may be set out in your pool along with the hardy plants with the perfect assurance that as the weather becomes warm they will shortly appear and almost at once come into flower. Plants started with our tubers generally have several crowns, each one of which will flower freely. This bulb may be detached any time after the plants have started to flower and may be stored in moist sand until the following spring, when it may be sprouted again.

The starry blossoms, brilliant in hue and scented with the fragrance of Lily of the Valley, are produced in endless profusion all summer long. One may reasonably expect 100 flowers in a season and we have actually counted over 750 flowers from three tubers planted together in a box during the summer. The flowers are 6 to 8 inches across and borne on stout stems a foot above the water.



**ROSE STAR.** The starry brilliant rose pink flowers are scented with the fragrance of Lily of the Valley. Throughout the summer they are produced in endless succession, often 4 or 5 flowers will be open at once, each flower 6 to 8 inches across borne on stout stems a foot above the water. You may reasonably expect over 100 flowers each season. **\$2.00.**

**BLUE STAR.** All of the Star Lilies are much the same in appearance, differing only in color. The blue shades are very vivid and deep seeming to have a luminous quality about them. Blue and Rose Star planted together in the same box gives one of the most beautiful color effects we know. Try it, you will like it. **\$2.00.**

**RED STAR.** A rosy red particularly vivid in late summer when the flowers become the brightest objects in the pool. **\$2.50.**

**PINK STAR.** Satiny silver pink blossoms with a yellow heart. An attractive plant particularly when grouped with the more intense colors. **\$2.00.**

## Star Trio

### COLLECTION NO. 59

A trio of bulbs giving a very striking effect when planted together in a box. Three bulbs almost at the price of two. Postpaid **\$4.50.**

- 1 **BLUE STAR**
- 2 **ROSE STAR**

## Your questions answered about Star Lilies

Star Lilies are shipped as sprouted tubers which quickly come into flower. The pinecone-like tubers when planted one-half inch deep give rise to 1 to 3 crowns each of which will bloom. They will grow to the surface when the temperature averages 68 degrees. [After the plants are growing well the old tuber may be pulled off and stored in a box of moist sand away from frost. It will sprout each year for several years. Save it.] In the fall raise the plant to the surface to check growth and force it to form a tuber. Before frost remove to basement keeping moist to complete curing. Where less than 2 inches of ice forms they should be left out all winter. They have wintered outdoors at Nashville, Tennessee.

# POPULAR POOL COLLECTION

## A Perpetual Blooming Group

COLLECTION NO. 60

.... \$15 Postpaid  
(Catalog Price \$22.00)



Have you longed to have a colorful, brilliant pool? This collection is the answer with five of our best lilies—a rainbow of living color. Good bloomers, every one. Gloriosa and Comanche often bloom three weeks after planting and so does Sunrise with its huge yellow flowers.

### FIVE WATER LILIES

- A. COMANCHE.**  
Best sunset color.
- B. SUNRISE.**  
The giant yellow lily.
- C. BLUE STAR.**  
Starry brilliant blue.
- D. SOMPTUOSA.**  
Large pink.
- E. GLORIOSA.**  
Brilliant red.

### SIXTEEN AQUATICS.

- 1 Egyptian Paper Plant.
- 3 Water Poppies.
- 2 Water Hyacinths.
- 3 Fish Plants.
- 1 Giant Arrowhead.
- 2 Ornamental Grasses.
- 2 Perennials.
- 2 Umbrella Palms.

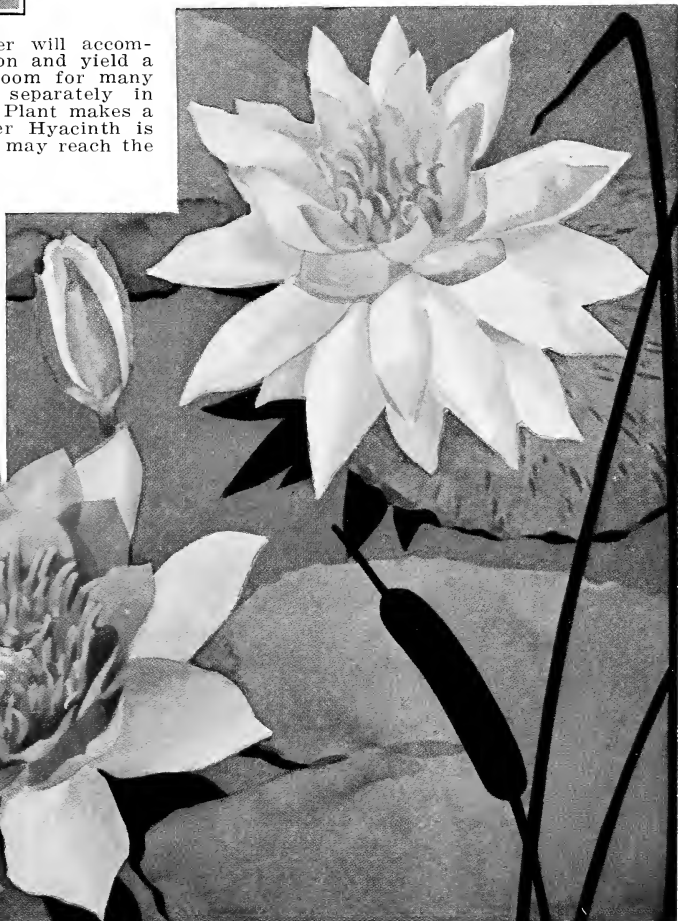
Fifty square feet of water will accommodate this superb collection and yield a continuous succession of bloom for many months. Plant the lilies separately in boxes. The Egyptian Paper Plant makes a fine centerpiece. The Water Hyacinth is best planted where its roots may reach the soil. It flowers freely.

### Sunrise

One of the most glorious water lilies ever introduced. Huge sulphur yellow globes almost a foot across. \$5.

### Comanche

A glowing fiery lily with heart of amber. One of the hardest and heaviest bloomers. \$3.



# Leaf Propagating Lilies

The Ideal Tropical Lilies for the Small Pool



## ❖❖❖ [ PANAMA PACIFIC ] ❖❖❖

Whose Glowing Beauty Brightens any Pool

The Leaf Propagating Lilies have the peculiar habit of bearing small plantlets on the older leaves forming a ring about the mother plant. While still attached to the old leaves they bloom freely. They grow wild in tropical Africa thriving rampantly in the lakes and slow moving rivers. As the old leaves decay the young plants float away stranding in the shallows to form new colonies. Even when grown in small pots they bloom freely making them particularly suited for the average pool. The flowers remain open the latest of any water lily, Panama Pacific being the last to close in the evening.



**PANAMA PACIFIC.** Bright, rosy red on opening, deepening to rich royal purple in the fully expanded flower. A very sturdy grower, blooming quite freely even when small and easily accommodating itself to cramped quarters making it especially valuable for the smaller pool. We freely recommend it as one of the most satisfactory of Tropical lilies. \$2.50.

**AMETHYST.** Deep amethyst blue flowers in a cup of rosy sepals. Produces quantities of small plantlets on the older leaves which bloom while yet attached to the parent. \$3.

**AUGUST KOCH.** Fragrant blossoms of deepest blue and 6 to 7 inches in diameter. A very free bloomer, very persistent, quickly becoming established after planting and flowering continuously all summer long. We have always enjoyed it and we feel sure you will. \$2.50.

## Here's How to Plant and Care for Them

After the weather becomes warm they are shipped as pot plants. In planting set the ball in the mud allowing from 6 to 12 inches of water over the box. To secure the most flowers feed with a teaspoonful of Vigoro once a month.

# Queen of Day Blooming Tropical Lilies



## ❦ [ BLUE TRIUMPH ] ❦

Blue Triumph has long been the most popular blue flowered water lily. Its huge brilliant blue blossoms reach an enormous size often over a foot across. It is precocious, growing rapidly and blooming when quite small. Commencing in June it flowers continuously throughout the summer until late autumn often having three or more open flowers at a time. Among a profusion of speckled green pads a whole succession of buds may be seen from those just unfolding to tiny ones just pushing out from the crown. Thriving so well in both small or large pools everyone may enjoy this glorious water lily. Do not fail to include it at our **special price**.....

**Postpaid \$2.50**

### Golden West Trio

COLLECTION NO. 61

We are recommending this group of lilies particularly for their large size and freedom of bloom. The varieties are quite unusual. Blue Triumph needs no introduction while Sunrise and Gonnere have become the most sought-after kinds among Hardy Lilies. **Postpaid \$9.**

**Blue Triumph.** Blue.  
**Sunrise.** Giant yellow.  
**Gonnere.** Double white.

### Olympic Trio

COLLECTION NO. 62

A collection notable for great variety in shape and coloring. Rose Arey has very fragrant deep cerise flowers with long petals. Aurora's floating blossoms change color every day. The huge blue flowers of Blue Triumph rise above them all. **Postpaid \$4.50.**

**Blue Triumph.**  
**Rose Arey.**  
**Aurora.**

# Day Blooming Tropical Water Lilies

**Huge Blossoms — Fragrance  
Bright Colors — Novelty**



Pennsylvania

Have you seen these colorful lilies in your friends' gardens and marvelled at their beauty? Everyone wants to grow them and have their immense blue or pink flowers opening in their own pool. They have such brilliant flowers, such rich perfume and flower so freely as to make them the least expensive part of the garden. Often a plant will produce over 100 flowers in a season.

There is a great variety of them and they easily adapt themselves to either small or large pools. For small pools boxes 2 feet square and a foot deep will give fine results, allowing 8 to 12 inches of water over the box. In larger pools

two lilies may be planted in a 3-foot box. They enjoy a rich loamy soil with plenty of room their thick white roots spreading out in all directions, soon filling the box. During the warm summer months they grow with a luxuriant vigor, blossoming forth with an endless succession of flowers, which last from 3 to 5 days.

Tropical water lilies should not be planted out until warm weather is assured. On page 8 will be found our shipping dates. Since all our plants are grown in pots when planted out in your garden they grow with great rapidity, soon beginning to flower. They reach their full development in August and September, continuing in bloom until the heavy frosts of late autumn. They may be kept over the winter only in a greenhouse, but young plants set out in spring make stronger, healthier growth.

**MRS. GEORGE H. PRING.** Immense snow white flowers and an excellent contrast to the colored kinds seeming to intensify colors near it. The young leaves are very prettily splotted with brown as they unfurl. Happily, it will accommodate itself and bloom freely in a tub and during the summer we have scores of them blooming in pots. When allowed ample room it makes a most luxuriant growth, spreading from 5 to 10 feet and having flowers almost a foot across. It was raised at the Missouri Botanical Gardens, as was also the General Pershing. **\$2.50.**

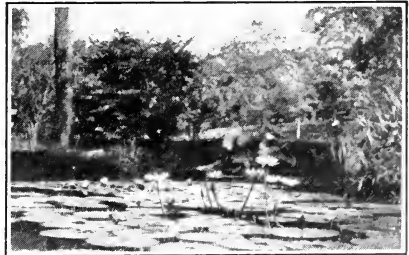
**MRS. EDWARD WHITAKER.** One of the largest flowered of the show lilies having flowers 13 inches across. The fragrant sky-blue blossoms open out quite flat and there are generally several open at one time, making it a most interesting variety. Quite often they will have 3 to 4 open flowers while yet in the nursery pots. It is a good hardy plant and may be counted on to make a show. A good plant for the beginner. **\$2.50.**

**Stella Gurney.** Bright silver pink flowers with long pointed petals and a yellow heart. The spicy fragrance scents the entire pool. The plant is very free in flower with large light green pads ruffled at the margins. A most satisfactory and pleasing variety. **\$2.**

**Henry Shaw.** A very popular large flowered blue lily. It is a blue counterpart of General Pershing and a very free blooming plant producing an endless profusion of huge blossoms of deepest blue. Small plants may have 5 to 6 open flowers. **\$2.50.**

**PENNSYLVANIA.** A magnificent old variety with rich deep blue flowers 10 to 12 inches across. The buds are prettily speckled with maroon markings and open an intense blue. The stamens are tipped with blue, the cup yellow, a most pleasing combination. The flowers emit a powerful spicy perfume. The plant is vigorous and free in flowering. **\$2.50.**

**Col. Lindbergh.** A new variety with handsome blue flowers borne on tall stems. The color is a very bright true blue and very much to be admired. **\$5.**



Tropical lilies growing in the natural pool of Mrs. F. Gray, Connerville, Ind. The lilies are our Star Lilies Collection No. 59. The tall stems of tropical water lilies give great distinction to a pool.



DAY-BLOOMING TROPICAL WATER LILIES (Continued)



**GENERAL PERSHING**  
Very large bright pink flowers.

**GENERAL PERSHING.** The queen of all the pink flowered tropical lilies and a fit companion to the majestic Blue Triumph. The flowers are very broad and basin shaped and almost a foot across with a delicate pleasing fragrance. They open early in the morning when the rich warm pink flowers have a most imposing appearance. Long one of the most rare of lilies we hope at last to have enough to supply all demands for them. **\$2.50.**



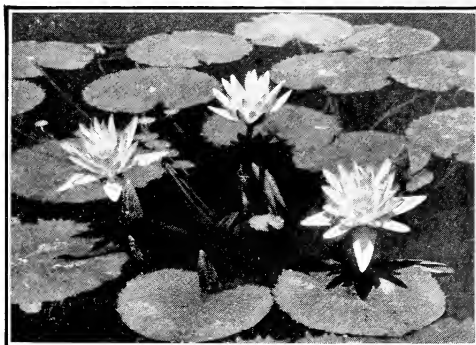
**AUGUST KOCH**

**AUGUST KOCH.** This fine plant was raised in Garfield Park, Chicago, by August Koch, and is a credit to its famous raiser. The fragrant blossoms are of a splendid size and deepest blue in color. It is a very free bloomer

and is very persistent, quickly becoming established after being planted and flowering continuously. We recommend this as a very good plant for the beginner as it thrives with little attention. **\$2.50.**

**Mrs. C. W. Ward.** The rose pink flowers are borne on stout stems a foot above the water. They have a very piquant perfume and scent the entire garden in the morning. The deep green leaves are very prettily scalloped. A fine plant. **\$2.**

**Caerulea.** The wild blue Lotus of Egypt. The fragrant sky blue flowers are borne in endless succession until the frosts of autumn. Well suited to the tub garden. **\$1.50.**



**BLUE TRIUMPH**

**BLUE TRIUMPH.** This splendid new variety raised at our nurseries is one of the most popular of all the show lilies. The immense deep blue flowers reach 13 inches across and are of the most graceful form with long curving petals and yellow heart. A very free bloomer with from 2 to 3 blossoms all summer long. We have grown plants with over a dozen open flowers, each exceeding a foot in diameter. **Postpaid, \$2.50.**

**Blue Beauty.** An old and beautiful variety. The large and sweetly scented flowers are clear blue in color, set off by yellow and blue stamens. The leaves become quite large and are spotted with purple beneath. A thoroughly satisfactory plant. **\$2.50.**

**Zanzibar Blue.** Large, fragrant blue flowers with fine yellow centers. Our strain of clear blue flowers is unsurpassed. These well known lilies are very beautiful and hardy. **\$1.50.**

**Marmarata.** Immense pale blue flowers and beautifully spotted leaves. A unique variation from Mrs. Edward Whitaker. **\$2.50.**

**Books on Water Gardening**

**Water Gardens and Goldfish.** By R. V. Sawyer and E. H. Perkins. An interesting account of the care of waterlilies and goldfish. **\$1.65.**

**Water Gardening.** By Peter Bisset. Covers all points of interest. An authoritative book. **\$5.**

**The Modern Aquarium.** By Innes. A standard work on the care of Gold and Tropical Fish. **\$1.10.**

**Goldfish and Tropical Aquarium Fish.** By Innes. 302 pages on the care and breeding of fish. **\$4.25.**



Egyptian Paper Plant with its tall plummy heads.

An attractive setting for the pool enhances its beauty a hundred fold. This pleasing grouping of Hardy Lilies amid a tropical riot of marginal plants.

## New Varieties of Water Lilies

To many the lure of growing the beautiful new introductions brought out yearly makes gardening the fascinating pursuit it is. What could be more intriguing than waiting for the first blossoms of a new plant to open! Our offerings for this year have a great deal of merit. They have been well tested over a period of years and we can recommend them from our own experience. Growing in our show ponds there has been ample opportunity to note the approval of the many visitors who have seen them.



**ROSY MORN.** After you have seen this lily you will understand why we named it Rosy Morn. The color is a deep rosy pink like the roseate clouds of an early spring morning, the dainty shell-like petals surrounding a cluster of golden yellow stamens. A sweet, true water lily fragrance and wealth of blossoms make a perfect water lily. It was raised in our gardens, the result of a cross between one of Marliac's hybrids and Rose Arey, being midway between them, showing clearly both alba and odorata blood. **\$7.50.**

**ORCHID STAR.** Another of our popular Star Lilies of a beautiful orchid pink, a most attractive color. The flowers are the largest of the Stars 9 to 10 inches across and abundantly produced. It grows and flowers like the other Star Lilies. **\$3.**

**PINK LAYDEKER.** A miniature that everyone admires. Tiny jewel-like pink flowers spangling the water like early peach blossoms. Try it for you will enjoy it, for even young plants flower freely. **\$1.50.**

**VENUSTA.** You will certainly want this free blooming, odorata lily. A grand flower of deepest cerise pink unequaled by any other of its class. The whole plant is completely charming and will win your regard with the first blossom. **\$2.50.**

### Rare Water Plants

**AZURE PICKEREL PLANT.** A tall graceful aquatic for the centerpiece. The bright azure blue flowers are borne in close spikes appearing near the top of every leaf. Pictured in color on rear cover. **50 cents.**

**EGYPTIAN PAPER PLANT.** The characteristic plant of the Nile River. Perfectly at home in the water garden with great plummy head of green foliage. Illustrated on front cover. **35 cents each, 3 for 75 cents.**

**SPOTTED LANCE LEAF.** The erect, lance-like fan of leaves is crowned by tall, gracefully arching spikes of fluttering butterfly-like white blossoms. One of the best novelties introduced in the past 20 years. **50 cents.**

**CHINESE WATER CHESTNUT.** A real touch of the Orient. The famous Water Chestnut used by the Chinese in preparing Chow Mein. Grows freely in shallow water producing quantities of chestnut corms in the fall. You will like it. **35 cents, 3 for \$1.**

**BLUE AFRICAN LILY.** Immense clusters of sky blue flowers from a crown of strap-like leaves. This is not a water plant, but should be planted in the border or kept in a tub. May be easily wintered in the basement. **50 cents.**



# From the Land of the Pharaohs A Nile Garden

— Illustrated on front cover

COLLECTION NO. 64

The huge round leaves of the Sacred Lotus crowned by the immense loosely petalled flowers are redolent of Oriental temple pools. The exotic perfume exhaled and strange seed vessel revealed by the dropping petals bring echoes of Nile journeys to your own garden. The Sacred Lotus is perfectly at home in our gardens, growing and blooming freely throughout the country.

Associated with it always are the plummy heads of the Egyptian Papyrus, from the stems of which the Egyptians wove their paper. The water lilies in this grand collection recollect the rich and vivid colors of Eastern bazaars and you will enjoy this bit of ancient Egypt in your garden.

The collection consists of the following: (A) Sacred Lotus, 2 bright water lilies, (B) Gloriosa, a vivid red and (C) Comanche, orange and yellow; the ancient Egyptian Papyrus, blue Water Hyacinth, yellow Water Poppy, tall Water Iris and plants for the fish. A very fine value at our remarkable postpaid price.

The roots of the Lotus are like ripe bananas strung end to end. They are brittle and should be handled gently; planting in 2 to 6 inches of water, barely covering the roots. During growth the plant sends out long runners, rooting at the nodes, each node sending up a tall, umbrella-like leaf and huge flower. Lotus and Water Lilies should be planted separately. This collection cannot be shipped later than June 5th.

**Postpaid . . \$7.50**

## Water Lily Collections

Our collections of water plants are designed for your convenience. You will note that our distinct varieties are offered in them. The quality is of our best, each plant especially selected to fit our rigid standards. All are blooming size for we ship only one quality—our best.

For your information a pool 4x6 feet will accommodate three water lilies and a collection of aquatics such as Papyrus, Water Poppy, etc.

### Rainbow Trio

COLLECTION NO. 65

A very moderate priced collection for those who are growing water lilies for the first time. They will all bloom well in the small pool and should give a long season of bloom. **Postpaid, \$3.**

**Paul Harlot.** Orange pink.

**Marliac Yellow.** Canary yellow.

**Marliac White.** Pure white.

### Pioneer Trio

COLLECTION NO. 66

Three of the best and brightest lilies. You will enjoy these for a small pool. **POSTPAID, \$5.**

**Gloriosa.** Bright red.

**Paul Harlot.** Orange pink.

**Masaniello.** Rose pink.

### Blue Boy Collection

COLLECTION NO. 67

For the touch of blue in your pool these two tropical lilies will give just the right effect. They will commence blooming in late June giving a glorious display until late fall. Shipped after June 5th. **Postpaid \$4.**

**Blue Triumph.** Immense blue.

**August Koch.** Blue Leaf Propagator.

### DeLuxe Trio

COLLECTION NO. 68

Three giant lilies in three bright colors. These lilies need no introduction to connoisseurs of quality in water gardening. A treasure-trove group. Catalog price, **\$15.**

**POSTPAID COLLECTION PRICE \$11**

**Sunrise.** Huge yellow flowers.

**Gonnere.** Dazzling double white.

**Attraction.** Brilliant red.

### Fiesta Collection

COLLECTION NO. 69

Three of the most popular lilies in the most popular colors. A quality group for those who enjoy the best. **Postpaid, \$7.50.**

**Gloriosa.** Most popular red.

**Comanche.** Most popular orange.

**Somptuosa.** Most popular pink.

### American Flag Trio

COLLECTION NO. 70

Red, white and blue water lilies, a patriotic trio. These three varieties are all unexcelled and are especially featured by us for the certainty and freedom of their bloom. **Catalog Price, \$10.50; postpaid, \$8.50.**

**Gloriosa.** Red.

**Gonnere.** Double White.

**Blue Triumph.** Blue.

# Complete Pool Collection

Shown in colors on Rear Cover

... \$10

## COLLECTION NO. 71

This colorful collection is one of the most interesting we have offered for the medium sized pool. In it are many splendid flowering plants, together with four of the most popular lilies. It is a well-balanced water garden and one that both yourself and friends will enjoy.

- |                                 |                            |
|---------------------------------|----------------------------|
| <b>A. Splendida.</b>            | <b>G. Water Poppies.</b>   |
| <b>B. Comanche.</b>             | <b>H. Floating Heart.</b>  |
| <b>C. Gloriosa.</b>             | <b>I. Porcupine Grass.</b> |
| <b>D. Marliac Yellow.</b>       | <b>J. Water Hyacinth.</b>  |
| <b>E. Egyptian Papyrus.</b>     | <b>K. Giant Arrowhead.</b> |
| <b>F. Azure Pickerel Plant.</b> | <b>L. Yellow Flag.</b>     |
|                                 | <b>M. Umbrella Palm.</b>   |



The key letters will enable you to identify the plants in the painting on the cover. Many other such pleasing arrangements will suggest themselves to you.

## Marliac Trio

### COLLECTION NO. 72

A very popular trio of the famous Marliac hybrid lilies. The colors are very pleasing and the plants all thrive in the smallest of pools. Our plants are wonderfully strong specimens.

- Marliac Flesh.**  
**Marliac Yellow.**  
**Marliac White.**

Postpaid, \$3.

## Sunset Trio

### COLLECTION NO. 73

Three colorful lilies for those who enjoy the warmer red shades. An extraordinary value.

- Paul Harlot.** Orange pink.  
**James Brydon.** Rosy red.  
**Conqueror.** Crimson.

Postpaid, \$5.

## Star Trio

### COLLECTION NO. 59

These hardy tropical lilies are very beautiful when planted in the same box. The two rose lilies form a perfect complement to the deep blue one. In combination we offer three Stars for almost the price of two. **Postpaid \$4.50.**

- 1 Blue Star.**  
**2 Rose Star.**

## Butterfly Trio

### COLLECTION NO. 75

Three tiny, colorful lilies to be planted in the same box. Give them a corner to themselves where you may enjoy them. These little gems are unsurpassed for daintiness and freshness of coloration. **Postpaid \$3.**

- Pink Laydecker.** Jewel-like pink.  
**Chrysanta.** Dainty salmon and orange.  
**Yellow Pygmy.** Starry yellow.

## Aurora Collection

### COLLECTION NO. 76

A quality collection of lilies for the larger pool. Red, yellow, pink, orange and blue. Can you imagine a brighter, more vivid group than these to grace your pool? A rainbow planting and each one a jewel among its fellows.

A \$10.50 collection. **Postpaid for \$8.**

- Gloriosa.** Bright red.  
**Morning Glory.** Shell pink.  
**Marliac Yellow.** Canary yellow.  
**Paul Harlot.** Orange pink.  
**Blue Star.** Bright blue.

## Complete Large Sized Pool

### COLLECTION NO. 77

In the larger pool one may have a great variety of color and a fine selection of aquatic plants. This group is especially useful in a pool approximately 10x15 feet. There are 8 colorful lilies and a collection of aquatics covering all the different groups. A well balanced and harmonious quality collection including everything needed in a large pool. The Tropical Lilies will be shipped in the spring; the hardy plants as early as permissible for your locality.



- |                                    |                                       |
|------------------------------------|---------------------------------------|
| <b>Sunrise.</b> Giant yellow.      | <b>Mrs. G. H. Pring.</b> Huge white.  |
| <b>Blue Triumph.</b> Blue.         | <b>Meteor.</b> Fiery red.             |
| <b>Gonnere.</b> Double white       | <b>Aquatic Collection.</b> 36 plants. |
| <b>Splendida.</b> Watermelon pink. | <b>Scavenger Collection.</b>          |
| <b>Comanche.</b> Sunset.           | Postpaid, \$25.00                     |
| <b>Attraction.</b> Crimson.        |                                       |

## Special June 12th Offer

A new unit recently added to our nursery enables us to grow Tropical Water Lilies in out-of-doors tanks in time for middle of June planting. Take advantage of these especially priced, vigorous plants. They will be shipped you in bud or flower after June 12th. Turn back to page 5 for full offer.

# To Complete the Pool

**Scavenger Collection No. 78.** Every pool should have this collection of scavengers to assist in keeping the water clear. They live on the green moss and decaying leaves. Six pairs of assorted Water Snails sufficient for the average pool..... **postpaid \$1.00**

## Shallow Water

**Collection No. 79**  
Water Poppy, Yellow Flag, Umbrella Palm, Arrowhead, Porcupine Grass. **Five fine plants. Postpaid \$1.**

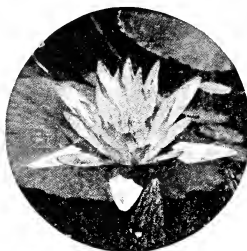
## Center piece

**Collection No. 80**  
For the center of your pool plant Egyptian Paper Plant, Elephant Ear, Giant Arrowhead. **Postpaid \$1.**

## Bog Plant Collection No. 81

Egyptian Paper Plant, Water Iris, Primrose Willow, Umbrella Palm, Primrose Creeper. **Five varieties. Postpaid \$1.**

**Fish Plant Collection No. 82.** To keep fish in good healthy condition oxygenating and food plants should be provided. We offer 7 assorted varieties of fish plants including floating plants suitable for both the fish bowl and outdoor pool..... **postpaid \$1.00**



## Aquatic Collection for Medium Pool

**Collection No. 83**  
3 Giant Arrowhead, 3 Egyptian Paper Plant, 3 Water Poppy, 3 Water Hyacinth, 3 Primrose Willow, 3 Umbrella Palm, 3 Primrose Creeper, 2 Yellow Flag, 6 Bunches of Fish Plants. **29 plants. Postpaid \$5.**

## Aquatic Plants for small pool

**Collection No. 84**  
3 Water Poppy, 1 Egyptian Paper Plant, 2 Water Hyacinth, 1 Primrose Willow, 3 Umbrella Palm, 1 Yellow Flag, 1 Arrowhead, 3 bunches of Fish Plants. **Postpaid \$2.50.**

# Desert Plant Collections for the Northern Garden

## For the Rock Garden

### COLLECTION NO. 86

Nothing is more attractive and strange in the modern rock garden than these odd plants from western deserts. Planted among rocks in a sunny corner they bring the exotic flavor of these far away lands to your own garden. These succulent Desert Plants are all easy to grow.

5 assorted varieties. **Postpaid \$1.**  
12 assorted varieties. **Postpaid \$2.**

## African Collection

### COLLECTION NO. 87

Under the burning skies of African deserts are found hundreds of strange plants. In order to exist in such harsh surroundings they have developed bizarre shapes and brilliant flowers totally unlike northern plants. Some have reptilian mottling, others have handsome flowers and some so closely resemble the rocks of their native land as to make it difficult to see them. All are of interest and thrive in porch or window or during the summer planted out in the rock garden.

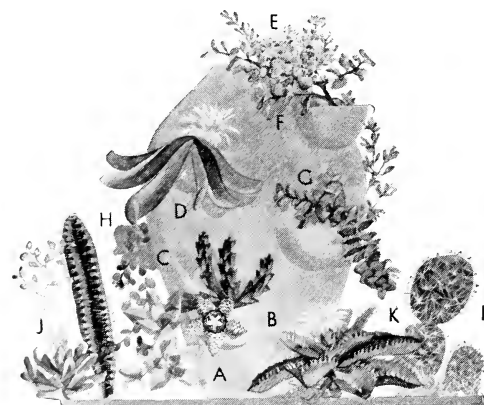
5 varieties. **Postpaid \$1.50.**  
10 varieties. **Postpaid \$2.50.**

## Queens of the Night

### COLLECTION NO. 88

Among the most sensational plants known are the magnificent Night Blooming Cereus. The fragrant snowy blossoms are immense, a foot in diameter, like a huge water lily unfolding in the dusk. In flower they are a never to be forgotten sight creating wonder that their immense flowers could be produced from such small plants.

5 different varieties. **Postpaid \$2.**



## A Strawberry Jar for a Pent-House Garden

**COLLECTION NO. 85**  
Illustrated in Color on Front Cover  
For a 12" Strawberry Jar.

If you have never grown a strawberry jar garden you have missed one of the most attractive phases of indoor gardening. In these skyscraped gardens you can grow a bewildering variety of plants that will be interesting every day in the year. The strawberry jars may be purchased at any pottery shop or we can ship them. This collection of 10 varieties as illustrated above will interest everyone. (a) Ghost Plant; (b) Starfish Flower; (c) Red Sedum; (d) Tongue Leaf; (e) Rose Moss; (f) Elephant Bush; (g) Necklace Plant; (h) Night Blooming Cactus; (i) Grizzly Bear; (j) Echeveria. **Postpaid \$2.**

# Tropical Night Blooming Lilies



These fascinating lilies from far off India are, during the sunny morning hours, the most beautiful flowers in the garden. Their gorgeous coloring and exotic appearance give them an irresistible appeal and make them favorites with all who are familiar with them. Really the name night blooming does not do them justice for they form one of the most striking features of the pool during the early part of the day. The flowers are larger than the average, from 8 to 12 inches, some opening flat, others cup shaped. The plants are very floriferous, the crowns stooling out as the season advances, well grown plants often have a half a dozen flowers open at one time. The flowers begin to unfold in the early evening and remain open

until shortly before noon the following day, opening on several successive evenings. They bloom quite freely in the small water garden, George Huster and O'Marana being especially good. We ship them in late spring after the weather becomes settled and warm, generally in late May. They do not do well in the tub garden and when young should not be crowded.



**GEORGE HUSTER.** A large brilliant red flowered variety, the blossoms 10 to 12 inches across. The leaves are a beautiful bronzy red and crimped at the margins, being very ornamental. A strong free blooming plant and one of the most desirable varieties cultivated. **\$1.50.**

**JUNO.** Immense pure white flowers, opening widely, the central disk being surmounted by a cone of saffron yellow stamens. The plant is free blooming with large glossy green and finely-toothed leaves. Seen in the dusk of evening they are a never-to-be-forgotten sight. A splendid and stately flower. **\$2.50.**

**Rubra rosea.** A fine water lily, freely producing blooms of a brilliant rosy carmine color. In the sunlight the petals seem to fairly pulsate with color. An oldtime favorite. **\$1.50.**

**O'MARANA.** Rosy pink flowers of largest size, each petal having a distinct white stripe, the effect intensified by the central group of orange red stamens. The 10-inch flowers are freely and continuously borne over the long summer months. One of the finest varieties offered. **\$1.50.**

**Lotus dentata.** A large snowy white variety with sulphur yellow stamens. The blossoms are 10 inches in diameter. **\$1.50.**

**Dean.** Clear pink flowers, decidedly cup-shaped with very wide petals and deep orange stamens. **\$1.50.**

**Frank Trelease.** The deepest of the red flowered night bloomers, of a very rich glowing crimson. The leaves are a beautiful dark bronze. **\$1.50.**

**Minerva.** A large snowy white bloom, broad petalled and of graceful shape. **\$2.50.**

## Appreciation from Far Away Lands

Johnson Water Gardens,  
Hynes, California,  
U. S. A.

Calcutta, India  
21st. Oct. 1931.

Dear Sir,

I have to acknowledge the safe arrival of the Waterlily bulbs which look very healthy and mature tubers. I do hope they will flower this spring with us. I shall certainly send you an order for a further selection this coming year.

Yours faithfully,

S. Percy Lancaster, F.L.S., F.R.H.S.,  
Secretary,  
Agri-Horticultural Society of India.

Johnson Water Gardens,  
Hynes, Calif.

Honolulu, T. H.  
September 10, 1931.

Dear Mr. Johnson,

Shipment of lilies as requested in purchase order arrived in excellent condition. . . . We are very much satisfied with this shipment and thank you a lot for the ex-

cellent care in packing them, as they arrived in excellent shape.

Very truly yours,

WALTER W. HOLT,  
Forest Nurseryman,  
Territory of Hawaii.



Our Water Lilies growing at the Guam Agricultural Experiment Station, Island of Guam, South Pacific.



Papyrus

Torchlily

# You will Need these Plants To Complete your Pool



Primrose Willow

Among the floating plants is found the interesting Water Hyacinth so well known for its spikes of peacock-eyed blue blossoms. Floating by means of its air-filled swollen leaf stalks in warm countries it grows so fast as to choke the rivers.

## Floating Plants

**WATER HYACINTH** (*Eichornia crassipes*). The delicate spikes of lavender flowers with peacock eye are as beautiful as an orchid. The plant floats on the water but likes the roots in a cool place, particularly among the lily pads, doing best when not allowed to drift about. A good plant for shady locations, blooming well when crowded. Goldfish are fond of laying their eggs among its feathery roots. 15 cents; 4 for 50 cents; \$1.25 per dozen.

**Floating Fern.** (*Azolla*.) Tiny fernlike fronds floating emerald green or bronzy red clumps. A good plant for the fish. 25 cents per portion.

**Duckweed.** (*Lemna minor*.) Small frondlike plants giving the effect of a green carpet on the water. Fish are very fond of them. Does well in sun or shade, making a good cover for the aquarium. 25 cents per portion.

## Shallow Water Plants

In this group are the many handsome foliage and flowering plants used as center pieces and for the corners of pools as well as such choice lily-like plants as the Water Hawthorne and Poppy. They thrive in from 2 to 12 inches of water and grow naturally about the margins of lakes and streams.

**WATER POPPY.** An old favorite whose cheerful yellow flowers look for all the world like California poppies. Each plant throws out many floating runners bearing large blossoms all summer long. Plant this most popular aquatic as you would a water lily. 15 cents; 4 for 50 cents; \$1.10 per dozen.

**EGYPTIAN PAPER PLANT OR PAPYRUS.** One of the most popular of water plants. Growing wild along the Nile River, the Egyptians used it in making paper. It throws up tall graceful stems 3 to 8 feet high ending in immense plummy heads of thread-like leaves. An illustration of it is given on the front cover of our catalog. This plant makes a fine specimen for the centerpiece. Plant it in shallow water or damp soil. 35 cents each; 3 for 75 cents.

**Fickerel Plant.** Spikes of pleasing purple flowers borne in the center of heart shaped leaves. Continuously in flower growing about 2 feet high and thriving in shallow water. An indispensable plant. 25 cents each.

**GIANT ARROWHEAD.** (*Sagittaria montevidensis*.) The true and rare variety, well grown specimens reaching 5 feet in height with immense flowering spikes as thick as your arm. The large white flowers each have a heavy maroon blotch at the base. The arrow-shaped leaves and handsome flowers are well pictured on the cover of our catalog. Plant in shallow or deep water. 35 cents each; 3 for \$1.

**Porcupine Grass.** Tall, quill-like stems alternately banded white and green. Desirable for corners or centerpieces. 25 cents.

## Collection of Floating Plants

COLLECTION NO. 89  
Entire Set Postpaid 75c



**FOUR LEAF WATER CLOVER.** (Marsilia quadrifolia.) A charming, true water fern whose creeping stems send up fronds like four leaf clover which float upon the water. A most interesting and hardy plant luxuriating in shallow water. Year-old potted plants, 35 cents each; 3 for \$1.

**Telanthra philoxeroides.** Creeping stems, fine for covering rockwork and banks. 25 cents.



**WATER HAWTHORNE**  
Delightfully fragrant white flowers.

**WATER HAWTHORNE.** Snowy white flowers with the fragrance of English Hawthorne. They are most interesting, the spikes being forked and each floret speckled with tiny black antlers. Plant them in deep water like a water lily. The blossoms float on the surface among the bright green oblong pads. Certainly one of the prettiest aquatics. 75 cents.

**LANCE LEAF.** Tall spikes of large white butterfly-like flowers amid graceful clustered leaves. A handsome, hardy plant, thriving in shallow water. 50 cents.

**Graceful Arrowhead.** Graceful drooping leaves with long tails. Abundant spikes of large white blossoms with yellow centers. 25 cents.

**Japanese Arrowhead.** Spikes of butterfly-like blossoms and arrow-shaped leaves; a lush, thrifty grower thriving in shallow water. 25 cents each.

**Water Canna.** A tall, graceful plant with leaves somewhat like a Canna and arching spikes of purple flowers. Very desirable to plant in the middle of a pool or at the corners. 50 cents.

**AZURE PICKEREL PLANT.** This attractive novelty comes from the lakes of South America and grows from 2 to 6 feet tall, each heart-shaped leaf ending in a spike of bright blue flowers, the buds covered with silvery wool. A very fine plant blooming throughout the entire summer. You will enjoy this. Will thrive in any pool. 50 cents.

**Parrot Feather.** The feathery green shoots trail over the water or foam in soft airy masses about the base of taller plants. Indispensable for planting in fountain basins. 15 cents; 4 for 50 cents.

**PRIMROSE WILLOW.** Every pool should have this charming erect-growing plant with pleasing narrow leaves and large airy yellow flowers. Plant it in shallow water and it will soon be covered with blossoms. Very desirable for tub garden. 35 cents; 3 for \$1.

**Floating Heart.** Bright yellow gentian-like fringed flowers the size of a 50-cent piece. Grows like a water lily in shallow or deep water. 25 cents; 3 for 50 cents.

**Azure Hyacinth.** A creeping variety of the Water Hyacinth having rich purple flowers with a yellow eye. Thrives in shallow water. 50 cents.



**WATER POPPY**  
Countless cheerful yellow flowers

## Plants for the Fish

### Oxygenating

These very useful plants will serve to keep the pool in natural balance, supplying an abundance of oxygen to the water. Where fish are kept they will give a perfect balance so that the water need rarely to be changed. A few bunches planted in pots or among the lilies are indispensable for the health of the fish. Except where noted the plants listed below do well either in the pool or indoor aquarium.

**FISH GRASS.** (Elodea or Anacharis.) The most useful variety for either the pool or aquarium. Graceful stems with whorls of deep green leaves. 2 bunches for 25 cents.

**Coontail.** (Ceratophyllum.) Plume-like stems of finely dissected leaves. Fine for the aquarium. 25 cents, large bunch.

**Eel Grass.** (Vallisneria.) Long ribbon-like leaves. A very satisfactory plant. 25 cents for 4 plants.

**Giant Eel Grass.** Novelty with gigantic ribbon-like leaves 3 feet long. 25 cents each.

**Sagittaria natans.** Narrow grass-like leaves deep green in color. 25 cents per portion.

**Sagittaria sinensis.** Broad strap-like leaves. In summer the plants grow above the water and flower. 2 for 25 cents.

**Hair Grass.** Forms a deep green carpet on the floor of the aquarium. 50 cents per portion.

**CRYPTOCORYNE WILLISII.** One of the most beautiful and rare of all aquarium plants. Lanceolate red leaves with crisped margins. The rare red flowers are like a miniature Calla lily to which the family it belongs. 50 cents each.

Shallow Water Collection No. 90A  
5 Varieties Postpaid for \$1  
Shallow Water Collection No. 90B  
12 Plants in 8 Varieties Postpaid for \$2

Fish Plant Collection No. 91A  
10 plants in 5 varieties, Postpaid \$1  
For the Larger Pool No. 91B  
25 plants in 5 varieties postpaid \$2



## Bog Plants

In the very shallow water and damp banks of lakes are found many pretty sub-aquatics which will add much to the interest and beauty of your water garden. They may all be planted in one or two inches of water or in the moist soil of the banks.

**UMBRELLA PALM.** An African plant with slender stems each crowned by a tuft of feathery leaves. grows well in the tub garden and equally so in the moist soil of the bank. No pool is complete without it. 25 cents each; 3 for 50 cents.

**Cattail.** (*Typha angustifolia.*) The slender leaved variety bearing long, slim, graceful cattails. 25 cents.

**CALLA LILY.** Large trumpet shaped snow-white flowers with golden yellow spadix. The foliage gives a most luxuriant tropical effect throughout the summer. 35 cents each; 3 for \$1.

**Cyperus gracilis.** One of the prettiest of the smaller aquatics growing a foot high with many slender plume crowned stems. Desirable for the tub garden. 25 cents.

**PRIMROSE CREEPER.** A creeping native plant with shining green leaves and large yellow, primrose flowers. A good plant to cover moist ground and equally desirable in shallow water. You will enjoy it. 2 for 25 cents.

**Water Crinum.** A beautiful bulbous plant related to the Amaryllis. The large white and red lily-like flowers are borne in trusses of 6 to 8 and are very fragrant. Thrives in an inch of water or in moist soil. 50 cents each.

**Spider Lily.** Another fine bulbous plant with spider-like, powerfully fragrant flowers. Plant in shallow water or damp soil. 50 cents.

**YELLOW FLAG.** Attractive foliage and flowers. 25 cents.

**Elephant Ear.** The leaves are immense, reaching more than 3 feet and are of a lustrous emerald green. 35 cents.

**IMPERIAL TARO.** A handsome Elephant Ear with large velvety black blotched leaves. Thrives where the roots are in the water. 75 cents.

**Purple Loosestrife.** Tall graceful spikes of purple flowers. A pleasing poolside plant growing in moist or shallow water. 25 cents.

Bog Plant Collection No. 92A  
5 Varieties Postpaid for \$1

Bog Plant Collection No. 92B  
12 Plants in 7 Varieties Postpaid \$2

### WATER IRIS

Water Iris are among the most beautiful of garden flowers and should certainly be in every pool. They are extremely easy to grow, thriving in shallow water or in the damp soil at the pool margin.

**YELLOW FLAG.** Certainly one of the most graceful and necessary plants in the pool with fine curving foliage and tall spikes of yellow blossoms. Thrives in water up to 12 inches deep and also in the moist border. 25 cents; 5 for \$1.

**Giant Flag.** Similar to the above but growing somewhat taller, reaching a height of 6 feet. A good specimen for the corners of your pool. 35 cents; 3 for \$1.

**DOROTHEA K. WILLIAMSON.** We think this one of the prettiest of water plants with its graceful spikes of glowing royal purple flowers and pretty grassy leaves. Be sure and include it. Plant in shallow water or the border. 50 cents.

**Purple Flag.** Graceful spikes of large purple flowers surmounting the grassy leaves. 25 cents.

**BLUE FLAG.** Beautiful large porcelain blue flowers with darker veining. One of the most charming of iris with tall and graceful foliage growing easily and luxuriantly in shallow water. 35 cents; 3 for \$1.



### Water Iris Collection No. 93

One each of the above 5 Water Iris  
Postpaid \$1.25



## Marginal Plants

To harmonize the pool with the rest of the garden such plants as grow naturally in wet soil are most effective. Give them rich soil and plenty of water to produce a tropical luxuriance.

**TORCH LILY.** Tall spikes of brilliant orange and red flowers arising from graceful clumps of grasslike foliage. This beautiful, hardy African lakeside plant belongs to the lily family forming grassy clumps surmounted by the flaming spikes of flowers. 25 cents each; 5 for \$1.

**Jointweed.** (*Polygonum affine.*) A very pretty hardy plant from the Himalayas where it grows on the moist banks of streams. Spikes of bright red flowers. 40 cents.

**KWANSO DAY LILY.** Very large double flowers, tawny orange red in color. A vigorous and free blooming border plant. 25 cents.

**False Dragon Head.** Spikes of pink hooded flowers 2 feet high. A very hardy plant. 25 cents.

**Lemon Lily.** Sweetly scented bell shaped flowers lemon yellow in color growing from graceful, grass-like clumps of foliage. One of the best of border plants. 25 cents.

**Dr. Regel.** A deep orange day lily. 25 cents.

**Dumortierii.** Fragrant yellow day lily. 25 cents.

**GIANT ORANGE DAY LILY.** Forms tall clumps with many spikes of orange yellow, bell shaped, fragrant flowers. 50 cents.

**HARDY FOUNTAIN GRASS.** Graceful, arching clumps of slender leaves surmounted by dozens of feathery plumes tinged with red. 3 feet. 25 cents.

**Eulalia gracillima.** An excellent hardy grass forming tall clumps. 25 cents.

**Ribbon Grass.** Forms pretty, loose clumps, the leaves striped green and white. A very useful plant about the pool. 25 cents.

**Palm Grass.** A tall, graceful, palm-like grass forming splendid clumps in a single summer. The broad, deep green leaves arch gracefully. 2 to 6 feet. 25 cents.

**Blue Bugle.** Good cover among rocks with deep green leaves and blue flowers. 25 cents, 6 for \$1.



Marginal Plant Collection No. 94  
5 marginal plants \$1.

Ornamental Grass Collection No. 95  
5 varieties Grasses \$1.

Day Lily Collection No. 96  
5 varieties Day Lilies \$1.





# Gold Fish

## For Every Pool

Gay colored fish add considerably to the allure of the pool making it the most interesting feature of the garden. When they are fed in one spot they quickly become tame swimming about the edge when you approach. There are a great many kinds of which we have here described the best.

**Our Eastern customers** will be glad to learn that we now ship goldfish through our representative at Baltimore, Md. Send all orders and correspondence to our California office.

**Terms.** All fish are in first class condition when shipped. Orders must be accompanied by remittance in full plus 35 cents for shipping can. We guarantee safe arrival. All fish are shipped express collect.

**The Care of Goldfish.** Before placing fish in the new pool wash the cement three times or fill the pool and drain after a week. Fresh cement contains an alkaline substance injurious to fish. It is advisable, when fish are received after a long express shipment, to place them for 24 hours in a bath of 4 drops of mercurochrome to each gallon of water. It has a very tonic effect. All fish will do better if fed with the fish food offered on page 32.

### GOLD FISH

**Selected Gold Fish.** Selected brightly colored common goldfish. \$1.50 for 6, \$2.50 for 12.

**Japanese Fantails.** Beautiful fish with broad tails and bright coloring. Year old, \$1. pair; \$5 dozen; 2 year, \$2 pair.

**Comet Tails.** Graceful lithe bodies and long flowing tails. Year old, \$1 pair; 2 years, \$2 pair.

**Shubunkin or Calico Fish.** A beautifully mottled fish with a pattern of blue, gold, red and black. Year old, \$1 pair; 2 year, \$2 pair.

**CHINESE MOORS.** A splendid jet black fish with telescope eyes and fine fantail. Year old, \$2 pair; 2 years, \$3 per pair.

**Calico Telescope.** A handsome vari-colored fish with fine flowing fantail and telescope eyes. Year old, \$2 pair; 2 years, \$3 a pair.

**CALICO FANTAILS.** A splendid highly colored fish with beautiful flowing fantail. \$2.50 per pair.

**Lionhead.** The name describes the peculiarly hooded growth about the head. One of the rarest and most interesting of fish. 2 years old, \$6 per pair, 3 years \$10 per pair.

**ORANDA.** The Oranda has the hood of the Lionhead and the flowing tail and fins of the Fringetail. Wonderful specimens. 2 years, \$5 a pair.

## Gold Fish Collections

### GOLDFISH FOR THE SMALL POOL

#### COLLECTION NO 97

A combination of fish and scavengers that will supply just the proper balance for the small or medium pool. Color, graceful motion and a clean pool are yours with this varied collection which includes 8 Selected Goldfish, 2 Jap Fantails, 4 Calico Fish, 6 Jap Snails, 2 Salamanders. Shipping can included. Shipped express collect from either Baltimore, Md., or Hynes, Calif... **\$5**

## Gold Fish for the Large Pool

### COLLECTION NO. 98

A complete collection of animal life for the larger pool 7x10 feet. Goldfish keep the water free of insects while scavengers clear out the decaying leaves and scum. Beauty and grace are combined with these hard workers. Included are: 12 Selected Goldfish, 12 Calico Fish, 2 Chinese Moors, 2 Fantails, 6 Jap Snails, 12 Ramshorn Snails, 2 Salamanders, Shipping Cans. Express collect from Baltimore, Md., or Hynes, Calif... **\$10**

## Geisha Collection

### COLLECTION NO. 99

A fancy collection of beautiful goldfish for the fountain or show pool. You will admire their bright coloring and graceful, undulating motions. A real connoisseur's group. 2 Chinese Moors, 2 Calico Telescopes, 2 Calico Fantails, 2 Comet Tails, 2 Jap Fantails, 2 Calico Fish, Can. Express collect from Baltimore, Md., or Hynes, Calif... **\$8**

## Tropical Fish

	Pair
Mexican Swordtails.....	1.50
Orange Swordtails.....	1.50
Jewel Fish.....	1.50
Rainbow Fish (Guppy).....	.50
Paradise Fish.....	1.50
Zebra Fish.....	1.50
Cichlasoma nigrofasciatum.....	1.50
Acara portalagrensis.....	\$1.50
Gold, Black, Red Moons.....	2.00
Black Mollies.....	3.00

For those interested in tropical fish we have a number of different varieties not listed.

# Fish and Aquarium Supplies

To balance the pool or aquarium and keep the fish in good health these oxygenating plants are a necessity. We have listed those that have proven the best. In the pool they may be planted among the lilies. In the fish bowl plant them in an inch of clean sand.

## Plants for the Fish

**Fish Grass.** (*Anacharis canadensis gigantea*.) The most used variety. Graceful stems with whorls of green leaves. 2 bunches **25c**.

**COONTAIL.** Finely dissected leaves of deep green color. 2 bunches **25c**.

**El Grass.** (*Vallisneria spiralis*.) Long ribbon-like leaves. Grows well in aquaria. **15c** each.

**Giant El Grass.** Novelty with gigantic ribbon-like leaves a yard long. **25c**.

**Sagittaria natans.** Long strap-like leaves of vivid green. **15c** each.

**Sagittaria sinensis.** Broad strap-like leaves of deep green. **15c** each.

**Sagittaria subulata.** Deep green. 4 for **25c**.

**HAIR GRASS.** Forms a deep green carpet on the floor of the aquarium, giving a beautiful lawnlike effect. A splendid protection for young fry and eggs. **50c** per portion.

**CRYPTOCORYNE WILLISII.** One of the most beautiful and rare of all aquarium plants. Lanceolate leaves with crisped margins. The rare flowers red, like a miniature Calla Lily, to which family it belongs. **50c** each.

**Ludwigia Californica.** A very pretty yellow flowering plant with ovate leaves. **15c** each.

**Water Hyacinth.** (*Eichornia crassipes*.) The well-known floating Water Hyacinth. **15c** each.

**Parrot Feather.** Bright parrot green whorls of filmy foliage. **15c** per bunch.

**Duckweed.** Tiny frond-like leaves. Fish are very fond of them. **25c** per portion.

**Floating Fern.** (*Azolla*.) Pretty floating plants turning bronze red in autumn. Fish are very fond of them. **25c** per portion.

### FISH PLANT COLLECTION NO. 82

7 varieties of fish plants labeled.  
Postpaid \$1

## Scavengers for the Pool



Water Snails are good scavengers, both for the aquarium and pool. They feed on decaying vegetable matter and on the green algae that may form on the walls. A few pair will rapidly stock your pool.

**Japanese Trap Door Snails.** The largest and hardest of the common water snails. Very satisfactory. 50 cents for 3.

**Ramshorn Snails.** A long-lived pond snail Useful. 25 cents for 3.

**Red Ramshorn.** Beautiful bright red in color. Pretty and very useful. 50 cents per pair.

**African Paper Shell.** A prolific species with pretty spotted shell. 25 cents per pair.

### SCAVENGER COLLECTION NO. 78

Six pairs of assorted Water Snails  
Postpaid to your door \$1.

## Fish Food

Goldfish should be fed twice a week. Do not feed too often or too much as overfeeding is a prolific cause of ills. All fish food postpaid.

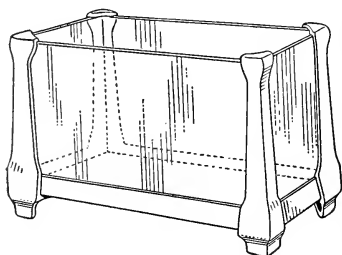
**Natural Fish Food.** A properly balanced food for both the aquarium and pool. Feed twice a week to keep your fish in good health. **\$1** per pound.

**Dried Shrimp.** Shredded shrimp meat makes an ideal food for fish. Feed once or twice a week. **\$1** per pound.

**Tropical Fish Food.** Specially prepared for Tropical fish. This is a safe, healthful food for the tiniest fish. **50c** per box.

# Silver Bright Aquaria

Brilliant, highly polished cast aluminum aquaria, beautifully modelled, exquisite in design, they are appropriate with the furnishings of any home. Nothing has been spared in workmanship and materials to make a quality product. Heavy polished plate glass with beveled edges is used throughout for sides and bottom, finished in black cement. All parts are highly polished, strongly built and bolted together with brass screws. The most reasonably priced aluminum aquarium made. All aquaria shipped express collect. F. O. B. Hynes, Calif.



We manufacture our own aquaria.

No. 1—10x5½x7—1½ gal.....	\$ 6.50
No. 2—12½x7½x8—3 gal.....	7.50
No. 3—15½x10x9½—6 gal.....	10.00
No. 4—20½x11½x12—12 gal.....	12.50
No. 5—25½x11½x12—15 gal.....	16.00

## Build Your Own Aquarium

### ANYONE CAN DO IT WITHOUT TOOLS

For those who care to assemble their own aquaria we offer the finished aluminum frames. Frames complete with cement and bolts, without glass. Instructions with each order.

No. 1.....	\$4.50	No. 4.....	\$ 8.50
No. 2.....	5.50	No. 5.....	10.00
No. 3.....	7.50	F. O. B. Hynes.	

How to set the aquarium up sent with each order.



## Desert Plants from All Over the World

Imagine having in one miniature Desert garden, plants from such intriguing far-away lands as Africa, Teneriffe, Argentina, Peru and Mexico. Yet these truly unusual plants may be enjoyed in your home, for many different kinds can be grown together in shallow pans no larger than a dinner plate. Plant a dish of them to place in the living room and discover for yourself their peculiar fascination. There is a bewildering variety ranging from gorgeous orchid-like jungle flowers to the grotesque and sculptural forms of the Living Rocks of the Karroo Desert in Southwestern Africa.

In ease of culture they are comparable to the common geranium, requiring even less care. They like sunshine and are perfectly at home as a window plant, furnishing a never-ending source of surprise to those interested in the new and unusual. All Desert Plants sent postpaid.

**QUEEN OF THE NIGHT** (*Cereus macdonaldiae*). To have seen this extraordinary plant in flower is a never to be forgotten experience. The huge white blossoms, often a foot across, open at dusk their sweet fragrance attracting night flying moths. It is easily grown in any window garden, requiring plenty of moisture during the summer. 75 cents.



Queen of the Night

**Night Blooming Cereuses** are all exquisite with their large white flowers and fascinating stems. There are a great many kinds of them of which we list some of the best. *Cereus spachianus*. Upright columns with brown spines and handsome white flowers. 75 cents. *Cereus serpentinus*. Snow white, very fragrant blossoms 5 inches across. 50 cents. *Cereus undatus*. Triangular stems and immense flowers a foot across. One of the most popular kinds. 50 cents. *Cereus pentagonus*. A creeping variety with angled stems. 35 cents. *Cereus peruvianus*. Tall, columnar, blue green stems. One of the most popular cactus grown. 35 cents. *Cereus jamacaru*. Handsome blue columns clothed with yellow spines. 50 cents. *Cereus nycitcalus*. The bronzy red stems bear flowers 12 inches across. 50 cents. *Cereus martinii*. Snow white flowers followed by brilliant red fruits. 35 cents.

### NIGHT BLOOMING CEREUS COLLECTION 86

5 varieties our choice including Queen of the Night. \$2.

**Golden Star Cactus.** (*M. stella aurata*.) A miniature thimble cactus 2 inches tall covered with star-like clusters of soft yellow spines. No garden is complete without it. 50 cents.

**Hedge Hog Cereus.** (*Echinocereus*.) Interesting cluster cactus with handsome pink flowers almost as large as the plant. *E. engelmannii*. 25 cents. *E. blankii*. Large rose flowers. 35 cents.

**CANDLE PLANT.** (*Klivenia articulata*.) A most unusual and peculiar plant with candle-like stems. Quite a curiosity. 25 cents. *K. reptans*. Jelly bean-like leaves each with a window on the side. 25 cents. *K. acaulis* has long quill-like leaves with a window from top to bottom. 35 cents.

**FIGMARIGOLD.** An immense group of South African succulents, some with gorgeously colored flowers, others with peculiar and strange forms. We have a large and growing collection of them. If you are interested in them we will be glad to send you a list of those we have. The flowering kinds make handsome summer border plants and a fine bit of color in the rock garden.

### FIGMARIGOLD COLLECTION

Collection 100-A—6 Varieties \$1  
Collection 100-B—12 Varieties \$2

**STAR FIGMARIGOLD.** (*Trichodladema stellatum*.) The tip of each leaf shaped leaf bears a star of soft white bristles. The plant forms a bush a few inches tall thickly beset with brilliant violet red flowers. 35 cents.

**Orange Figmarigold.** Brilliant orange flowers an inch and a half across smothering the plant for weeks in the spring. Pictured in color on inside cover. 25 cents.

**Trailing Figmarigold.** A trailing variety with large brilliantly glowing Tyrian purple flowers. 35 cents.

**Rose Moss.** Brilliant pink flowers covering the plant so completely as to give the effect of a floral blanket. A very pretty plant for the window. 35 cents.

**SHEEPS TONGUE.** (*M. agninum*.) Large, yellow marigold-like blossoms. Four thick spotted green leaves form the plant. Grows among rocks. 40 cents.



**AIR PLANTS.** (*Kalanchoe*.) South African desert plants with the most peculiar habit of forming tiny young plants on the old leaves. They may be pinned to a curtain to sprout. Some have brilliant flowers, others a striking reptilian mottling. **K. tubiflora** is a curious reptilian-like plant with gorgeous red flowers at Xmas. Don't fail to include it. 25 cents. **K. daigremontiana** has dozens of small plants forming on spotted leaves. 25 cents. **K. marmorata**. Beautifully marbled leaves. 35 cents. **K. fedtschenkoi** is a pretty new one. 25 cents. **K. laxiflora** is also new. 25 cents. **K. somaliensis**. A popular new species with fine red margined leaves. 35 cents.

**YELLOW BELLS.** (*K. glaucescens*.) Fragrant yellow bells borne at Xmas time. The flowers may be picked and last for weeks out of water. 35 cents.

**COTYLEDON.** Umbels of orange, bell shaped flowers. They make fine house plants. **C. barbeyi** is a new one with silvery white leaves and fine orange flowers. A gem. 25 cents. **C. wightii** with pencil-like heavily powdered leaves. 35 cents.

**ORANGE BELLS.** (*C. orbiculata*.) Tall panicles of bright orange bells. A handsome and easily grown South African plant. 25 cents.

**COTYLEDON-MACRANTHA.** Fleshy round green leaves distinctly margined with red. Thick clusters of brick red bells. A striking plant illustrated on inside rear cover. 35 cents.

**Sprouting Leaf.** (*Bryophyllum*.) A fine, quick growing plant bearing clusters of green and pink pendant bells. Pin the leaves to a curtain and see them sprout little plants. 25 cents.

**Andromischus clavatus.** Clusters of variegated leaves. Look like colored pebbles. 35 cents.

**LIVING ROCK.** (*P. bolusi*.) The plant so closely resembles the rocks among which it grows as to be practically invisible. A wonderful curiosity with striking yellow flowers 3 inches across. 50 cents. **P. simulans**. Another most interesting variety with huge flowers. 50 cents. They like a gritty soil and little water.

**Love Plant.** (*Anacampseros*.) Satiny, pink flowers exactly like single roses from small fleshy rosettes. **A. telephium** is often seen and much prized for its handsome flowers. 25 cents.

**Cockscomb Sedum.** A crested variety that grows like a fan. 25 cents.

**ELEPHANT BUSH.** (*Portulacaria afra*.) Thick red stems with round button-like shining green leaves. Fine window plant. A favorite food of elephants in Africa. 25 cents.

**TUNA CACTUS.** (*Opuntia*.) A very large family of cactus with round or flat stems. **O. ELATA.** Brilliant orange blossoms. One of the best cactus. 25 cents. **O. fuscata.** Very large yellow flowers. 35 cents. **O. brazilensis.** A tree-like form. 25 cents.

**OPUNTIA BASILARIS.** Illustrated in color on rear inside cover (upper left). Brilliant satiny cerise flowers like large single roses. 35 cents. Yellow flowered form, 50 cents.

**GRIZZLY BEAR.** (*O. ursina*.) Densely clothed with long snow white hair. A unique and much sought after plant of striking beauty. 50 cents.

**Dwarf Tree Cactus.** (*O. fragilis*.) Dwarf tree-like plant bearing brilliant scarlet fruits as pretty as flowers. 25 cents.

**GOLDEN PLUSH CACTUS.** (*O. microdasys*.) Handsome green pads covered with shining golden clusters of spicules. One of the most popular. 35 cents.

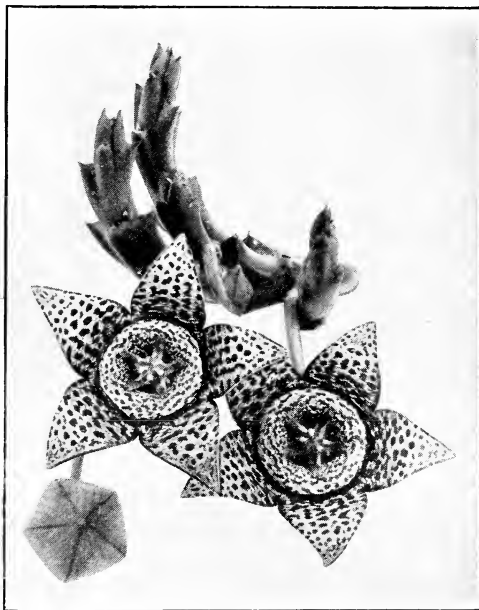
**BURBANK'S SPINELESS CACTUS.** The far-famed spineless cactus created by Luther Burbank. Smooth spineless green pads and large yellow, juicy, sweet fruits. A great curiosity. \$1.

**Marble Tuna.** This tuna has thin, flat pads, heavily marbled with pink, green and white. Very pretty and popular. 50 cents.

**GOLDEN SEDUM.** (*S. Adolphae*.) The entire plant is golden yellow. This should be in every collection. 15 cents.

**Blue Sedum.** (*S. Treleasei*.) The whole plant is beautiful powdery blue green. Illustrated on inside rear cover. 25 cents.

## Star Fish Flower



Startling, animal-like, fleshy flowers! Grow it on your window ledge and prove to your friends that it is real! A strange denizen of South African deserts that will grow perfectly in your home and give you no end of amusement. Easily grown by anyone as a window plant. . . . . Each Postpaid 50 cents.

**HAWTHORIA.** These pretty South African plants have long been grown by collectors. Their pleasing rosettes of closely packed leaves are often heavily sprinkled with white ridges. **H. atrovirens.** Green, rugose, recurving leaves in spiral rosettes. 50 cents. **H. subulata.** Incurving rosettes, the leaves sprinkled with white bosses. 50 cents. **H. coarctata.** Short green leaves on pyramidal rosettes 4 to 5 inches high. 50 cents. **H. subfasciata.** Close rosettes, the leaves being finely peppered with white. 50 cents. **H. cymbiformis.** The most interesting of the group with thick, succulent, veined green leaves in flat rosettes. 50 cents.



**Necklace Plant.** (*Crassula perfoliata*.) The pretty heart-shaped leaves are strung on stems like a string of beads. A very good plant for baskets. 40 cents.

**Bead Vine.** Graceful trailing stems with leaves as though strung on a chain. 25 cents.

**JAPANESE PINE.** An odd and pretty plant like a miniature pine tree. 20 cents.

**HEDGE HOG CACTUS.** (*Echinopsis*.) Green balls the size of an orange, bearing pink or white blossoms like large Easter lilies. They thrive in the window garden. **E. multiplex.** Pink flowers. 25 cents. **E. turbinata.** White. 40 cents. **E. oxygonia.** Dark pink frilled flowers. 50 cents.



Hedge Hog Cactus

**WAX ROSE.** (*S. portulacaria*.) A handsome, well branched pot plant with waxy pink clusters of winter flowers. 35 cents.

**ECHEVERIA.** Handsome Mexican plants noted for their beautiful flowers and bright colored rosettes. Many of them bloom in the winter time, sending up branched racemes 2 to 3 feet high with many red and yellow bells. They are all easily grown as window plants. Some of the most interesting follow **E. Hoveyi** has leaves beautifully striped with pink, white and green. 50 cents to \$1. **E. desmetiana** is a small one with blue-white rosettes. You will like it. 50 cents. **E. scaphiphylla**, with close green rosettes, is rare. 40 cents. **E. ovaliformis** is a gem with thick, powdery, white leaves. 25 cents. **E. lozani** has handsome blue-white rosettes flushed with wine red. 25 cents. **E. claviformis** has small rosettes and red flowers. 25 cents. **E. simulans**, with large green rosettes, the leaves tipped with red. 25 cents. **E. viridus**, with 3-foot spikes of flowers. 35 cents.

**GHOST PLANT.** (*E. Wienbergii*) White rosettes on reclining stems. One of the best succulents for the house. Very popular with all. 25 cents.

**Hen and Chickens.** An old favorite, with glaucous blue rosettes and arching spikes of red flowers. 25 cents.

**ECHEVERIA ELEGANS.** Close curving rosettes covered with a powdery blue bloom, the whole plant silvery. One of the most beautiful of succulents. Very rare and choice. 50 cents.

**FLAME ECHEVERIA.** (*E. flammea*.) Bronze red rosettes of leaves with several tall branching spikes of flame red flowers at Xmas. A handsome window plant. 35 cents.

#### COLLECTION 101

5 varieties of Echeveria \$1.  
12 varieties of Echeveria \$2.

**LIVE FOREVER.** (*Sempervivum*.) Called Live Forever for the tenacity with which they cling to life. **S. Cooperi.** Each branchlet a rosette of red margined leaves. 25 cents. **S. Hawthorthii.** Bronzy leaves margined with red. Splendid window plant. 25 cents.

**Tree Sempervivum.** Small tree-like plant. Smooth branches terminated by a whorl of thick leaves. 25 cents.

**PURPLE TREE SEMPERVIVUM.** Clusters of purple leaves on tall, smooth trunks. 25 cents.

**WINTER BLOOMING COLLECTION No. 102**  
5 Varieties Winter Bloomers, \$1.25

**ALOE.** Illustrated in color on rear cover (upper right)). Found only in Africa, these beautiful and stately members of the lily family flower mainly in the winter time. As a window garden plant they always attract attention, particularly when their tall spikes of scarlet, pendant bells are opening.

**A. hanburiana** is one of the prettiest in flower with scores of red bells. 25 cents.

**A. eru** has beautifully spotted leaves, a handsome plant. 35 cents.

**A. commutata.** Heavily banded leaves and many deep red flowers. 35 cents.

**A. salmdyckiana.** A large plant, fine for tubs. Xmas blooming. \$1.

**A. pretoriensis.** 50c. **A. vera**, with silvery green leaves. 35 cents.

**A. mitraeformis.** A handsome plant covered with blunt yellow prickles. 50 cents. **A. distans.** 50 cents. **A. heteracantha.** 50 cents. **A. beguinii.** 75 cents. **A. bedinghausii.** Leaves beautifully spotted with white. 50 cents. **A. tenuior.** Tall, with handsome spikes of yellow flowers. 50 cents.

**Hedge Hog Aloe.** (*A. echinata*.) One of the prettiest with spikes of warm red flowers. Fine as a window plant. 75 cents.

**BANDED ALOE.** (*A. saponaria*.) Illustrated in color on inside cover. The leaves are banded white and green. Beautiful flowers. 35c.

**CLIMBING ALOE.** (*A. ciliaris*.) Gorgeous spikes of red and yellow flowers. A dwarf plant easily grown. You will like it. 35 cents.

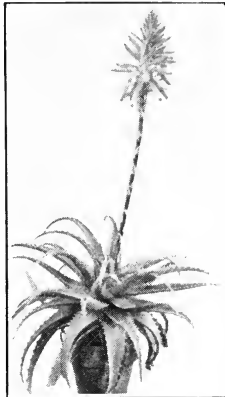
**PARTRIDGE BREAST ALOE.** (*A. variegata*.) The gem of the family, with handsome leaves heavily marbled with silvery white. Spikes of bright red flowers. Small plants 50 cents.

**Pickle Plant.** (*Othonna*.) A pretty trailing plant with pickle-like leaves always in flower. Fine for the window box. 20 cents.

**Scarlet Paint Brush.** (*Roechea falcata*.) Sickle-shaped, flat, gray leaves borne in one plane, each stem bearing a flat topped corymb of glowing scarlet flowers. A choice plant. 75 cents.

**RED TIPS.** (*S. pachyphyllum*.) Each cylindrical blue green leaf is tipped with bright red. Most attractive. 20 cents.

**Stapelia discolor.** Another starfish flower with thickly spotted fleshy flowers. A good bloomer. The plant is quite curious. 50 cents.



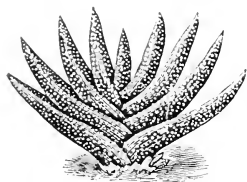
Hedge Hog Aloe



Tree Aloe



**OX TONGUE.** Among the most beautiful and sought-after desert plants are the Ox Tongues. As window plants they are very easily grown and their odd and striking form is much admired. The handsome tongue-shaped leaves



Ox Tongue  
*Gasteria brevifolia* is a fine window plant.

are marbled with white and arranged like a fan. In the spring a graceful spike bears many tubular pink and green bells for several weeks. They like to be watered once or twice a week but will grow for months without water and live for years, each year gaining beauty. Give them a porous, gritty

soil with some leafmold. Practically all desert plants like the same gritty, open soil. Their scientific name is *Gasteria* and they come from South Africa. *G. brevifolia* is one of the prettiest and most commonly seen with blunt, marbled, smooth green leaves and handsome spikes of flowers. No window garden should be without it. 25 cents. *G. verrucosa* has narrower leaves heavily pebbled with raised white bosses. 50 cents. *G. sulcata*. Green leaves faintly traced with white. 75 cents. *G. subvaricosa* is a more robust plant with spotted leaves. 75 cents.

**Spotted Crassula.** Silver green leaves margined with red thickly sprinkled with fine dots. A well branched plant. 35 cents.

**Red Crassula.** (*C. impressa*.) Rosy red bunches of flowers in bloom for months. The clustered leaves are also red. 35 cents.

**HEART OF FIRE.** (*Caraguata*.) When in flower the entire heart of the plant becomes vivid scarlet. From the center arises a spike of purple blossoms. It belongs to the pineapple family and the plant resembles the crown of leaves on a pineapple. 35 cents.

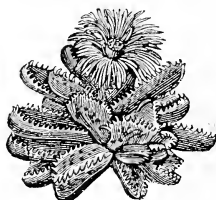
**Rosary Vine.** (*Ceropegia woodii*.) A succulent vine to droop over the edge of a flower box or hanging basket. The leaves are in pairs on thin stems and are beautifully marbled with white. Bead-like balls form on the stem from which new plants grow. 30 cents.

**TONGUE PLANT.** (*M. linguiforme*.) Large daisy-like bright yellow flowers borne close against thick translucent tongue-shaped leaves. Illustrated in color on front cover. Be sure and include it. 25 cents.

**Peresklopsis porteri.** A new climbing cactus that grows very rapidly. 25 cents.

**Spiny Geranium.** (*P. echinatum*.) A desert geranium with prickly stems and handsome clusters of white flowers with a red eye. A fine bloomer in flower the year around. 50 cents.

**TIGER'S JAW.** (*M. tigrinum*.) A most curious plant with toothed jaw-like leaves and large yellow blossoms. A gem. 50 cents.



Tiger's Jaws  
There are hundreds of Fig-marigolds.

**Vesper Figmarigold.** (*M. vespertinum*.) Flowers open only in late afternoon. 25 cents. *M. scapigerum*. A larger species. 35 cents. *M. multiceps*. Clustered leaves and many yellow flowers. 35 cents.

**SCARLET CEREUS.** (*C. sylvestrii*.) A cluster variety growing freely with soft spines and scarlet flowers. Everybody admires it. Easily grown in the window garden. 35 cents.

**EUPHORBIAS** are principally found in Africa, where they assume strange shapes. Some, like the Medusa's Head, are eerie in their grotesqueness, others are beautiful with their geometrical forms. The **Wish Bone Euphorbia** (*E. tirucalli*.) has branched stems like a wish bone. 35 cents. *E. mammillaris*. Club shaped branches forming clusters. 75 cents. *E. cereiformis* with cactus-like stems and branches. A fine plant. 75 cents. *E. lacteum*. Tree-like plants with beautifully marbled stems. Much sought after. 75 cents. *E. meloformis*, one of the most rare of all. \$5. *E. obesa*, another extremely rare plant. Small plants  $\frac{3}{4}$  inch in diameter. \$2.50. *E. caput-medusae*. \$2 each. *E. grandidens*. 75 cents.

#### FANCIER'S COLLECTION

Collection No. 103-A and B

A—20 Varieties Cactus and Succulents, \$5.00  
B—50 Varieties Cactus and Succulents, \$10.00



Partridge Breast Aloe

**Red Sedum.** (*S. Stahlii*.) The entire plant is copper red, the football shaped leaves in 4 rows along the stem. Umbels of yellow flowers. A fine plant for covering between larger plants. 15 cents.

**Giant Star Fish Flower.** (*S. grandiflora*.) Huge flesh colored flowers 8 inches across the edge of the petals, fringed with hair. A strange plant. \$1.00.

**Fairy Bells.** (*Olivarantus elegans*.) A most striking plant bearing quantities of big scarlet bells that last for weeks. Illustrated on rear cover (lower left). 25 cents.

**Thimble Cactus.** (*M. fragilis*.) Round white thimbles. A most charming variety. 50 cents.

#### AFRICAN COLLECTION No. 104

5 Varieties from Africa, \$1.25

**Crassula Cooperi.** A creeper with thick spotted leaves turning pink in the sun, and hundreds of airy pink flowers. 25 cents.

**Princess Pine.** (*C. lycopodioides*.) A pretty bright green moss-like plant. 20 cents.

**WINTER SEDUM.** Beautiful 6-inch spikes of yellow flowers in winter. 20 cents.

#### BOOKS ON DESERT PLANTS

**The Cactus Book.** By Dr. A. D. Houghton. A real book on the culture of desert plants. Very helpful. \$2.40 postpaid.

**Cactus and Succulent Society of America.** Prints a fully illustrated monthly magazine on desert plants. Join the Society and receive the Journal. Articles from all over the world. Membership and magazine, \$3 year. Address 1800-A Marengo St., Los Angeles, Calif.

**Desert Magazine.** A splendidly illustrated magazine dealing with desert plants and their care. Nature lovers will enjoy it. \$1.50 year. Box 68-A, Pasadena, Calif.

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## Stamps

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# **COMPLETE POOL COLLECTION**

Collection No. 71

Hardy ✦ Colorful ✦ Practical

13 kinds for

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